2012 CRA Taulbee Survey
of Ph.D.-granting Academic Units of
Computer Science, Computer Engineering, and Information

Thank you for taking the time to participate in the CRA Taulbee Survey. CRA will use your input to track degree and faculty demographics for Ph.D.-granting computer science, computer engineering, and information departments or academic units.

C1. School/Department/Academic Unit Identification
University _____
College/School _____
Department _____

❑ Check if academic unit name has been updated. If academic unit head/department chair or mailing address has changed, please contact members@cra.org to update your membership information.

❑ Check if these responses cover more than one department, and please describe
_____

C2. Contact Person. This is the person CRA should e-mail or call with any questions about this year's responses. If no one is specified, we will contact the academic unit head.

Name _____
Title   _____
E-mail _____
Phone _____

❑ **C3.** A copy of the results will be e-mailed to the academic unit head as soon as they are available. Check if a copy should also be e-mailed to the contact person.

C4. Additional Results
A paper copy of the final results can also be sent to one dean or provost from your university. If you would like us to do this, please provide that person's name and mailing address. Results will be sent after publication in the May 2013 *Computing Research News*.
Name _____
Title   _____
Address 1 _____
Address 2 _____
City _____
State _____
Zip or Postal Code _____

We encourage use of the electronic version of the survey, which will be at www.cra.org/taulbee by October 5. Your password for electronic submission of this survey will be sent by letter. Completion **deadline is November 7, 2012**.

Instructions

New This Year

A separate survey, called the Departmental Profiles Survey, was combined with the Taulbee in 2003. The Profiles questions are only asked every three years. The following Profiles questions have been added to the Taulbee for this year:

- In the Expenditure section, questions E0 on department operating budget, E1a on external funding sources, E4 on graduate student stipends, and E5 on graduate student recruiting incentives
- In a separate Department Profiles section, questions D1 – D5 on faculty teaching loads, D6 on support staff, and D7 – D11 on departmental space.

General Instructions

- Completeness: If you cannot provide information for certain questions, please use the "Unknown" categories. While leaving a cell blank usually implies "0," to avoid ambiguity please fill in "0" rather than leaving the cell blank when the question has to do with counts of students or faculty. However, for dollar amounts such as salaries and research expenditures, leave blank rather than entering a zero.
- Consistency: Make sure that gender totals match ethnicity totals and that answers to different questions do not conflict. This is especially important if more than one staff person is filling out the survey. Wherever possible, the survey software will flag inconsistencies at the time of entry. Otherwise, CRA staff will likely contact you for clarification.
- CS, CE, and I only: Only include data for computer science, computer engineering, and information programs with significant computing technical content. Do not include any data for fields such as electrical engineering. If the title of your program is "Computer Science" (CS) or "Computer Engineering" (CE) or "Information Science" (I) or similar, count students in those categories. If your program crosses disciplines within computing (e.g. Computer Science and Engineering or Computer and Information Sciences), count students in the appropriate category (CS, CE, or I) as well as you can determine. If your program has a multidisciplinary name such as "Electrical and Computer Engineering" or "Math and Computer Science," count students only if their training (doctoral dissertation, master's thesis or project, or required courses for undergraduate major) falls clearly within computer science, computer engineering, or information with significant computing technical content, and then pick the most appropriate category (CS, CE, or I). We leave it to the academic unit to decide which programs have significant computing technical content (and are included) and which are not (and are omitted).
- Defining Faculty: Faculty includes tenured and tenure-track professors, and non-tenure-track researchers, postdoctorates, and teaching faculty

(i.e., instructors and lecturers). Note that this includes only research <u>faculty</u>; research <u>staff</u> are asked about in the Profiles section (conducted every 3 years).

- Counting Faculty: In questions asking for salaries, consider only faculty who are full-time and whose salaries are paid primarily (50% or more) by your academic unit. In questions asking for full-time equivalent (FTE) positions, consider as fractional FTE those faculty who are either part-time or who are full-time with appointments in two or more academic units. In questions asking for counts by gender and ethnicity, give a head count (not FTE) for all faculty who are at full time and whose salaries are paid 50% or more by your academic unit.
- Salary Data: We understand that salary data are sensitive. Data will not be reported in a way that reveals individual persons or institutions. Canadian respondents should report in Canadian dollars.
    - Report in nine-month equivalent. If your institution pays on other than a 9-month basis, convert to 9-month. Except: Canadians, report 12-month salaries.
    - Report total salary. If a person is paid 66% from your academic unit, report their full salary, not just the 66% of it you cover.
    - Continuing since 2004: In order to allow more accurate and useful statistics, we request individual salary data (without names) in place of the usual summaries. If you provide the data at this level, which we strongly encourage, skip the salary summary questions (F10 and F11) in the Faculty section and complete the new Salary section. If you absolutely cannot provide individual data, please participate by completing the summary questions F10 and F11.
    - New in 2007 and continuing: For full and associate professors, salary statistics are calculated for ranges of years in rank. If you provide individual salaries, you will be asked for the year the person was promoted to that rank. If you hired someone at a higher-level rank, please provide the year that person was originally promoted to that rank if available. If not, report the year hired at your institution. If you provide summary salaries rather than individual, you are asked to group associate professors into two bands (in rank 0-7 years, and in rank 8 years or more) and full professors in 3 bands (in rank 0-7, 8-15, and 16 or more).
- Calculating Median Salaries (questions F10 and F11): In each category, list actual salaries for individual faculty members in order, beginning with the lowest salary and ending with the highest salary. If you have an odd number of salaries listed (e.g., 5 faculty), the median salary falls in the middle (i.e., in the third place). If you have an even number of salaries listed (e.g., 8 faculty) the median salary for that category will be the average of the two middle salaries (i.e., those falling in the 4th and 5th places).
- Premajors: In questions asking about undergraduate-level premajors, consider those students who have declared, but have not yet been officially admitted into the academic unit. If your school does not use this categorization, leave the items blank.

- Ethnicity: Count each person in one racial/ethnic category only. Do not include nonresident aliens in any other ethnic category. The following breakdowns are drawn from guidelines set forth by the US Department of Education:
  - American Indian or Alaskan Native, Non-Hispanic: A person having origins in any of the original peoples of North America, South America, or Central America, and who maintains cultural identification through tribal affiliation or community recognition, but does not report Hispanic or Latino ethnicity.
  - Asian: A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent. This category includes people from Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.
  - Black or African American, Non-Hispanic: A person having origins in any of the black racial groups of Africa, and not reporting Hispanic or Latino ethnicity.
  - Native Hawaiian or other Pacific Islander. A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.
  - White, Non-Hispanic: A person having origins in any of the original peoples of Europe, North Africa, or the Middle East, but does not report Hispanic or Latino ethnicity.
  - More than one race reported, Non-Hispanic: A person who reports himself or herself as having origins in more than one of the racial groups listed above, but does not report Hispanic or Latino ethnicity.
  - Hispanic or Latino: A person of Cuban, Mexican, Puerto Rican, Central or South American, or other Spanish culture or origin, regardless of race.
  - Nonresident Alien: A person who is not a citizen or a national of the United States (or Canada, for Canadian academic units) who is in the country on a visa or temporary basis, and who does not have the right to remain indefinitely.
- Submission: You are encouraged to fully complete the CRA Taulbee Survey online at: http://www.cra.org/taulbee. Use of the online survey saves time and improves the quality of published statistics. The system allows the user to enter data and revisit the site at any time prior to the deadline to update previously entered data. It also offers extensive checking for consistency. Use your password provided by separate letter to access the survey. Electronic submission is preferred. However, if you are unable to submit certain information electronically, complete as much as possible online and fax (202-667-1066) the supplemental data. If you are unable to return your survey electronically or by fax, mail it to: CRA Taulbee Survey, Computing Research Association, 1828 L Street NW, Suite 800, Washington, DC 20036 If you have questions or need assistance, please contact us: Tel. 202-234-2111; Fax: 202-667-1066; E-mail: survey@cra.org

- **Deadline:** Please complete your survey by **November 7, 2012** to receive preliminary faculty salary data in December. The salary section must be completed by this date. We prefer to receive all information at this time, but if necessary, student and non-salary faculty numbers can be provided later. Final deadline for inclusion in this year's survey is **January 7, 2013**.

On-line Survey Notes

There is a little bit of additional error checking in the online system this year and the Departmental Profile questions are omitted; otherwise, the survey is unchanged from last year. Software function notes are as follows:

- Transferring Between Sections. Each section of the survey (Contact, PhDs awarded, PhD enrollment, Master's, etc.) is a separate page. At the bottom of each page is a button labeled "Jump." When you click this button, a list of the available pages and the questions on each page is displayed, and you can jump to any section by choosing the corresponding page. Or, you can click the "Next" button to continue to the next section. The Summary function is the last page. Use your browser's "Print" button to print the summary.
- At the bottom of the Summary page is a "Submit Survey" button. Clicking this indicates that you have completed all the survey data for your academic unit. Even if you have clicked "Submit," you may still access and correct information in your survey up until the deadline. If you need to make a correction in the salary information after November 8 or in any data after January 6, please e-mail survey@cra.org
- Gender & Ethnicity cross-checks. Each place where student and faculty numbers are entered by gender and ethnicity, you will see a "calculated total" row at the bottom of the gender table. This will be computed automatically as you enter the numbers by gender in each column. This calculated total will, in turn, be used as a target which the ethnicity total for the same group must match. If you continue or save from this page, and the total by ethnicity for any group does not match the total by ethnicity, you will see an error message and need to correct the numbers before you can continue. If you get an error message at this stage and need to investigate to resolve it, you can save the rest of the data you have entered on the page by putting numbers in the "unknown" categories of either gender or ethnicity to make the totals match. If you do this, *please* be sure to correct those numbers when you've found the source of the original discrepancy.

Ph.D.s Awarded

P1. Provide the official titles of degrees now offered by your academic unit and the first year the degree was awarded or will likely be awarded. Space is provided for more than one degree in "CS," "CE," and "I" categories since some units offer multiple variations. All degrees listed must fall under "CS, "CE," or "I" (Online survey will be preloaded with your answers from last year.)

CS: Year _____   Title: _____
     Year _____   Title: _____
     Year _____   Title: _____
     Year _____   Title: _____
     Year _____   Title: _____

CE: Year _____   Title: _____
     Year _____   Title: _____
     Year _____   Title: _____
     Year _____   Title: _____
     Year _____   Title: _____

  I: Year _____   Title: _____
     Year _____   Title: _____
     Year _____   Title: _____
     Year _____   Title: _____
     Year _____   Title: _____

P2. Please identify the gender, ethnicity, current employment, and specialty area for each Ph.D. awarded last year (July 1, 2011 - June 30, 2012). Please make every effort to ascertain this information. Use the "unknown" categories only as a last resort.

	Field	Gender	Ethnicity	Employment Type	Employment Location	Specialty (primary and, if any, secondary)	
	CS/ CE/I	M, F, Unkn	See categories	See categories	See categories	See categories	
						Primary	Second
1							
2							
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(Note: there is room for 60 graduates in the online form; if there are more than 30 and you are using the paper form, make additional copies of this page)

Categories (These are drop-down menus in the online survey; use the indicated abbreviations if completing the paper form of the survey.)

Ethnicity (Revised in 2008, see instructions)

AA	African-American, non-Hispanic	W	White, non-Hispanic
NA	Native American or Alaska Native	M	More than one race specified
A	Resident Asian	R	Resident, ethnicity unknown
PI	Native Hawaiian or Pacific Islander	N	Nonresident Alien
H	Hispanic	U	Residency/Ethnicity unknown

Employment Type

		Employment Location		
Ten	PhD-granting CS/CE/I Department, tenure-track		US	United States
Res	PhD-granting CS/CE/I Department, non-tenure-track researcher		Can	Canada
Pd	PhD-granting CS/CE/I Department, postdoc		In	India
Tch	PhD-granting CS/CE/I Department, non-tenure-track teaching		Ch	China
CSE	Other CS/CE/I Department		EU	European Union
Non	Non-CS/CE/I Department		Oth	Other
In	Industry		Unk	Unknown
Gov	Government			
SE	Self-Employed			
UE	Unemployed			
Oth	Other			
Unk	Unknown			

Specialty

AI	Artificial Intelligence	ISY	Information Systems
CSCW	Computer-Supported Coop Work	NET	Networks
DBIR	Databases/Information Retrieval	OS	Operating Systems
GR	Graphics/Visualization	PLC	Programming Languages/Compilers
HA	Hardware/Architecture	RO	Robotics/Vision
HCI	Human-Computer Interaction	SN	Scientific/Numerical Computing
HPC	High Performance Computing	SC	Social Computing/Social Informatics
INF	Informatics: Biomed/Science	SE	Software Engineering
IA	Information Assurance, Security	TA	Theory and Algorithms
ISC	Information Science	OTH	Other*

* If you use the "Other" category under specialty, please write in a specification of the "other" area.

Ph.D. Enrollment

How many Ph.D. students were enrolled on average last year (July 1, 2011 - June 30, 2012), categorized by gender and ethnicity? If your academic unit does not distinguish between master's and Ph.D. students, provide estimates based on students' intentions for obtaining a degree. If your academic unit does distinguish, consider only students enrolled at that time in the Ph.D. program. Include those who received their degrees in the 2011-2012 school year.

Note: The total number of Ph.D. enrollments reported by gender (question P3) should equal the total number of Ph.D. enrollments reported by ethnicity (question P4).

P3. Ph.D. Enrollment (By Gender)	CS	CE	I
Male			
Female			
Gender Unknown			
P4. Ph.D. Enrollment (By Ethnicity)	**CS**	**CE**	**I**
Resident, American Indian or Alaska Native, not Hispanic			
Resident, Asian, not Hispanic			
Resident, Black or African-American, not Hispanic			
Resident, Native Hawaiian or other Pacific Islander, not Hispanic			
Resident White, Non-Hispanic			
Resident, more than one race, not Hispanic			
Resident, Hispanic or Latino, any race			
Resident, Race/Ethnicity Unknown			
Nonresident Alien			
Residency Status Unknown			

P5. How many students passed the Ph.D. qualifying examination (first major screening examination or other equivalent mechanism used by your institution) during the period July 1, 2011 - June 30, 2012?

_____

P6a. Does your academic unit have a preliminary/comprehensive examination (thesis proposal exam preceding the final defense)?
- ⭕ Yes
- ⭕ No

P6b. If Yes, how many students passed the thesis proposal exam during the period July 1, 2011 - June 30, 2012?

_____

P7. How many newly admitted Ph.D. students are enrolled *this fall*? Include both full- and part-time students. Students newly admitted simultaneously to the master's and Ph.D. programs should be counted in the first row.

New Students Fall 2012	CS	CE	I
Newly Admitted Ph.D. Students			
Students Newly Transferred from the Master's to Ph.D. Program			

P7b. How many of the new Ph.D. students, both newly admitted and newly transferred from the master's program, are from outside North America? Enter 0 if there are no new students from outside North America; please leave blank ONLY if this information is not available.

CS _____   CE _____   I _____

P8. How many Ph.D.s are expected to be awarded in the current academic year (July 1, 2012 - June 30, 2013)?

CS _____   CE _____   I _____

Master's Section

M1. Provide the official titles of degrees now offered by your academic unit. Space is provided for more than one degree in CS, CE, and I categories since some units offer multiple variations. All degrees listed must fall under either CS, CE, or I.

CS Titles: _____
_____
_____
_____
_____

CE Titles: _____
_____
_____
_____

I Titles: _____
_____
_____
_____
_____

How many master's degrees were awarded last year (July 1, 2011 - June 30, 2012), categorized by gender and ethnicity?

Note: The total number of master's degrees reported by gender (question M2) <u>should equal</u> the total number of master's degrees reported by ethnicity (question M3).

M2 Master's Degrees Awarded by Gender	CS	CE	I
Male			
Female			
Gender Unknown			
M3 Master's Degrees Awarded by Ethnicity	**CS**	**CE**	**I**
Resident, American Indian or Alaska Native, not Hispanic			
Resident, Asian, not Hispanic			
Resident, Black or African-American, not Hispanic			
Resident, Native Hawaiian or other Pacific Islander, not Hispanic			
Resident White, Non-Hispanic			
Resident, more than one race, not Hispanic			
Resident, Hispanic or Latino, any race			
Resident, Race/Ethnicity Unknown			
Nonresident Alien			
Residency Status Unknown			

M4. How many master's students were enrolled on average last year (July 1, 2011 - June 30, 2012)? If your academic unit does not distinguish between master's and Ph.D. students, provide estimates based on students' intentions for obtaining a degree. If your unit does distinguish, consider only students enrolled at that time in the master's program. Include those reported in the previous question. Include both full- and part-time students.

Master's Students CS _____   CE _____   I _____

M5. How many newly admitted master's students are enrolled *this fall*, i.e. fall 2012? Include both full- and part-time students. If your academic unit does not distinguish between master's and Ph.D. students, provide estimates based on students' intentions for obtaining a degree. If your unit does distinguish, consider only students new to the master's program.

CS _____   CE _____   I _____

M5b. How many of the newly admitted master's students are from outside North America? Enter 0 if there are no new students from outside North America; please leave blank ONLY if this information is not available.

CS _____   CE _____   I _____

M6. How many master's degrees are expected to be awarded in the current academic year (July 1, 2012 - June 30, 2013)?

CS _____   CE _____   I _____

Bachelor's Section

B1. Provide the official titles of degrees now offered by your academic unit. Space is provided for more than one degree in CS, CE, and I categories since some units offer multiple variations. All degrees listed must fall under either CS, CE, or I.

CS Titles: _____
_____
_____
_____
_____

CE Titles: _____
_____
_____
_____

I Titles: _____
_____
_____
_____
_____

How many bachelor's degrees were awarded last year (July 1, 2011 - June 30, 2012), categorized by gender and ethnicity?

Note: The total number of bachelor's degrees reported by gender (question B2) <u>should equal</u> the total number of bachelor's degrees reported by ethnicity (question B3).

B2 Bachelor's Degrees Awarded by Gender	CS	CE	I
Male			
Female			
Gender Unknown			
B3 Bachelor's Degrees by Ethnicity	**CS**	**CE**	**I**
Resident, American Indian or Alaska Native, not Hispanic			
Resident, Asian, not Hispanic			
Resident, Black or African-American, not Hispanic			
Resident, Native Hawaiian or other Pacific Islander, not Hispanic			
Resident White, Non-Hispanic			
Resident, more than one race, not Hispanic			
Resident, Hispanic or Latino, any race			
Resident, Race/Ethnicity Unknown			
Nonresident Alien			
Residency Status Unknown			

B4. How many bachelor's students were enrolled on average last year (July 1, 2011 - June 30, 2012)? Include those reported in the previous question (graduated in 2011-2012). Include both full- and part-time students, categorized by majors and premajors.

B4 Bachelor's Enrollment	CS	CE	I
Majors			
Premajors			

B5. How many newly admitted bachelor's students are enrolled *this fall*, i.e. fall 2012? Include both full- and part-time students. Consider students who have transferred from other majors/premajors or universities and newly arriving freshman majors/premajors.

B5 Newly Admitted Bachelor's Students	CS	CE	I
Majors			
Premajors			

B6. How many bachelor's degrees are expected to be awarded in the current academic year (July 1, 2012 - June 30, 2013)?

CS _____   CE _____   I _____

Faculty Section

F1. Indicate the total number of faculty positions in your academic unit that you tried to fill last year (July 1, 2011 - June 30, 2012); categorize that number by how many positions were filled and how many remained unfilled (or were temporarily filled) at the end of that academic year. For each category, the total of columns 2 and 3 <u>should equal</u> the number entered in column 1.

Faculty	Tried to Fill	Filled	Unfilled
Tenured or Tenure-Track			
Researchers			
Postdoctorates			
Non-Tenure-Track Teaching Faculty			
Other (Not Listed Above)			

F1a. If you had positions that remained unfilled, what were the reasons? Check all that apply.
- ❑ Did not find a person who was a good fit
- ❑ Our offer(s) were turned down
- ❑ Position is technically vacant but we are not filling for administrative reasons
- ❑ Other _____

F2. Of those who were full-time faculty (*tenured, tenure-track, and non-tenure-track)* last year (July 1, 2011 - June 30, 2012), how many are no longer full-time faculty as of July 1, 2012, categorized by the reasons they left? (Do not include faculty on temporary leave, visiting professors who left, or postdoctorates).

Reason for Leaving	Faculty
Died	
Retired	
Took Academic Position Elsewhere	
Took Non-Academic Position	
Remained, but Changed to Part-time	
Other	
Unknown	

In the following questions, consider only faculty who are in computer science, computer engineering, and/or information, and whose positions are budgeted for the current academic year (July 1, 2012 - June 30, 2013).

F3. Indicate the number of full-time equivalent (FTE) positions that are **currently filled** (12-13). Then project your academic unit's faculty size over the next two years based on FTE positions. <u>Do not leave columns 2 and 3 blank</u> — if uncertain, **estimate** the numbers. The numbers in the later two columns should be total FTEs projected for those years, not changes from the current year.

Faculty - FTE	12-13	13-14	14-15
Tenured or Tenure-Track			
Non-Tenure-Track	■	■	■
Researchers			
Postdoctorates			
Teaching Faculty			
Other (Not Listed Above)			

How many faculty are in your academic unit, categorized by gender and ethnicity (straight count, not FTE; see instructions).

Note: The total number of faculty reported by gender (question F4) <u>should equal</u> the total number of faculty reported by ethnicity (question F5).

F4. Faculty (By Gender)	Tenure-Track			Non-Tenure-Track		
	Full	**Assoc**	**Asst**	**Teaching**	**Research**	**Postdoc**
Male						
Female						
Gender Unknown						

F5. Faculty (By Ethnicity)	Tenure-Track			Non-Tenure-Track		
	Full	Assoc	Asst	Teaching	Research	Postdoc
Resident, American Indian or Alaska Native, not Hispanic						
Resident, Asian, not Hispanic						
Resident, Black or African-American, not Hispanic						
Resident, Native Hawaiian or other Pacific Islander, not Hispanic						
Resident White, Non-Hispanic						
Resident, more than one race, not Hispanic						
Resident, Hispanic or Latino, any race						
Resident, Race/Ethnicity Unknown						
Nonresident Alien						
Residency Status Unknown						

F6. (previous question F6 about part time faculty dropped in 2010)

How many full-time faculty were newly appointed to work during the period July 1, 2012 - June 30, 2013, categorized by gender and ethnicity?

Note: The total number of faculty reported by gender (question F7) <u>should equal</u> the total number of faculty reported by ethnicity (question F8).

F7. Newly Appointed Faculty (By Gender)	Tenure-Track			Non-Tenure-Track		
	Full	**Assoc**	**Asst**	**Teaching**	**Research**	**Postdoc**
Male						
Female						
Gender Unknown						
F8. Newly Appointed Faculty (By Ethnicity)						
Resident, American Indian or Alaska Native, not Hispanic						
Resident, Asian, not Hispanic						
Resident, Black or African-American, not Hispanic						
Resident, Native Hawaiian or other Pacific Islander, not Hispanic						
Resident White, Non-Hispanic						
Resident, more than one race, not Hispanic						
Resident, Hispanic or Latino, any race						
Resident, Race/Ethnicity Unknown						
Nonresident Alien						
Residency Status Unknown						

F9. Of these newly appointed faculty, how many received their Ph.D.s or completed all degree requirements **after July 1, 2011**?

————

F9b. Of these newly appointed faculty, how many were postdocs during the previous academic year?

————

Note: If you are able to provide individual salary data, skip questions F10 - F11 and go to the Salary section.

F10. Provide minimum, median, mean (average), and maximum academic-year (nine-month) salaries for <u>full-time</u> faculty. [***Note: See instructions for help calculating median salaries.]*** Use salaries effective January 1, 2013. Include salary supplements for teaching / research (e.g. salary money from endowed positions), but not supplements for administration (e.g. department chair supplement) or summer support. In the number-of-people column, include only the number of people for whom salaries are known and reported. In the salary columns, enter numbers that represent actual salaries for actual faculty (not salary ranges). Canadians: enter 12-month salaries in Canadian dollars.

Faculty Salaries	# of People	Minimum	Median	Mean (Average)	Maximum
Full					
in rank <=7 years					
8-15 years					
16+ years					
Associate					
in rank <=7 years					
8+ years					
Assistant					
All assistant					
Non-Tenure-Track					
Teaching					
Research					
Postdoctorate					

F11. Provide minimum, median, mean (average), and maximum academic-year (nine-month) salaries of newly-appointed full-time faculty who received a Ph.D. or completed all degree requirements sometime **after July 1, 2011.** Use salaries effective January 1, 2013. In the number-of-people column, include only the number of people for whom salaries are known and reported. In the salary columns, enter numbers that represent actual salaries for actual faculty (not salary ranges). Canadians: enter 12-month salaries in Canadian dollars. Note: Questions F7 and F8 asked about all new hires; this question asks about the subset of new hires who have recently received their Ph.D.

Faculty Salaries	# of People	Minimum	Median	Mean (Average)	Maximum
Tenure Track					
Non-Tenure-Track					
Teaching					
Research					
Postdoctorate					

Salary Section – General Instructions

There are six tables in the salary section, one each for:
- full professors
- associate professors
- assistant professors
- non-tenure track teaching faculty
- non-tenure track research faculty
- postdoctorates

Each table has room for 50 entries in the online survey, but only 35 in the paper version. If you are using the paper survey and have more than 35 faculty members at a rank, insert an additional page.

Canadian Schools: 12-month salary in Canadian dollars
U.S. Schools: 9-month salary in US dollars

Use salaries effective *January 1, 2013*.

Include pay supplements associated with teaching and research; do not include administrative supplements or summer support.

For assistant professors and the non-tenure-track ranks, there is a space to check if the person is new to the academic unit and a new Ph.D. Check yes only if (1) the person is new to the academic unit this academic year (since June 30, 2012), and (2) the person received his/her Ph.D. the previous academic year (after June 30, 2011).

Salary Section - Full Professors

	Year Promoted	Salary
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* If more than 35 in this category, attach additional sheet (online survey has room for 50).

Salary Section – Associate Professors

	Year Promoted	Salary
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* If more than 35 in this category, attach additional sheet (online survey has room for 50).

Salary Section – Assistant Professors

	Check if New to Dept and New PhD	Salary
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* If more than 35 in this category, attach additional sheet (online survey has room for 50).

Salary – Non-Tenure-Track Teaching

	Check if New to Dept and New PhD	Salary
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* If more than 35 in this category, attach additional sheet (online survey has room for 50).

Salary – Non-Tenure-Track Research

	Check if New to Dept and New PhD	Salary
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* If more than 35 in this category, attach additional sheet (online survey has room for 50).

Salary Section – Postdoctorates

	Check if New to Dept and New PhD	Salary
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* If more than 35 in this category, attach additional sheet (online survey has room for 50).

Research Expenditures and
Doctoral Student Support

Canadian schools, provide figures in Canadian dollars.

Note: In some universities research contracts are run through organizations other than academic units (e.g. inter-departmental laboratories). In answering this section, please treat contracts whose principal investigators have appointments in your academic unit as if they were run through your unit.

E0. Provide the total annual operating budget, excluding personnel salaries and benefits, <u>from university funds</u> (including funds derived from indirect cost recovery and funds from special programs). Please include funds for equipment purchase and maintenance, travel, communications, printing/duplication, supplies and materials, etc.
$ _____

E1. For the most recently completed fiscal year, what was the academic unit's total expenditure (including indirect costs or "overhead," as stated on project budgets) from <u>external</u> sources of support for Computer Science/Computer Engineering/Information research? For interdisciplinary projects with a CS/CE/I component, please include only that fraction of the expenditure that supported CS/CE/I research.
$ _____

E1a. Break down the total expenditures from Question E1, including overhead, by source:
NSF: _____

NSERC (Canadian schools only): _____

DARPA: _____

NIH: _____

DOE: _____

IMLS: _____

State or Provincial agencies: _____

Industrial sources: _____

Other defense research agencies, e.g., ARO, AFOSR, ONR: _____

Other mission-oriented federal agencies (US or Canada): _____

Private Foundation: _____

Other: _____

E2. Provide the number of doctoral students supported as full-time students (typically with a work requirement of 20 hours per week for teaching, research assistance, or administrative work), as of fall 2012. Count these as FTEs; if you support 2 students with a work requirement of 10 hours each, then together they equal 1 20-hour student.

Doctoral Student Support	# FTEs on Institutional Funds	# FTEs on External Funds
Teaching Assistants		
Research Assistants		
Full-Support Fellows		
Graduate Assistants for Computer Systems Support		
Other		

E3. Provide the total (*not monthly)* average amount (as of fall 2012) of an **academic-year** stipend for a first-year doctoral student (amount of stipend minus any allowances for tuition, registration, and other fees, if they are included in the stipend and the student has to pay them; do not include the value of tuition waivers). Include base salary only, not signing bonuses, conference travel, or other income.

Doctoral Student Stipends	Average Stipend
Teaching Assistants	
Research Assistants	
Full-Support Fellows	
Graduate Assistants for Computer Systems Support	
Other	

E4. What factors affect the amount of a graduate student's stipend? Check all that apply.

- ❑ Advancement to the next stage of the program of study
- ❑ Years of service
- ❑ GPA
- ❑ Recruitment enhancements
- ❑ Differences among various stipend sources
- ❑ Other (specify): _____

E5. What incentives are used to recruit new graduate students? (Check all that apply).

- ❑ Up-front, one-time signing bonus; average amount _____

- ❑ Stipend enhancements; average amount _____

- ❑ Guaranteed multi-year support; for (years) _____

- ❑ Guaranteed summer support; average amount _____

- ❑ Paid visits to campus; average amount/visit _____

- ❑ Other (please list) _____

Department Profiles

Faculty Teaching Loads

D1. Official teaching load for a tenured or tenure-track faculty member in your department:
Courses/academic year _____

D2. Courses are taught by
- ○ Semester
- ○ Quarter
- ○ Other, please specify _____

D3. Is reduction of teaching load possible?
- ○ Yes
- ○ No

D4. If reduction is possible, for what reasons may reduction be given?

- ❑ Special package for new faculty
- ❑ Administrative duties
- ❑ Type or size of class taught
- ❑ Buy-out; rate for one course as % of academic year salary _____
- ❑ Buy-out; rate for one course as fixed amount $ _____
- ❑ Strong research involvement
- ❑ Other (please specify) _____

D5. Is increase possible?
- ❍ No
- ❍ Yes, if shifting primary responsibilities to teaching
- ❍ Yes, for other reasons (please specify) _____

Support Staff

D6. Provide the number of FTE staff on: 1) institutional support, and 2) external support in the following categories:

Support Staff	# FTEs on Institutional Funds	# FTEs on External Funds	Total
Secretarial/Administrative			
Computer Support			
Researchers			

Department Space

Canadian schools, provide space estimates in net square metres for questions D7 - D11.

US schools, provide space estimates in net square feet.

In the case of space shared with other units, prorate based on usage.

D7. Current departmental space

Total departmental space: _____

Faculty, staff, and graduate student office space: _____

Conference and seminar rooms: _____

Research laboratories operated by department: _____

Instructional laboratories operated by department: _____

D8. Does your department have definite plans to change the amount of space you have?
- ❍ Yes, we expect to be gaining space not in the department before (newly constructed, newly renovated, and/or un-renovated space) (please answer questions D9 and D10)
- ❍ Yes, we expect to be losing space (please answer question D11)
- ❍ No, we have no definite plans for change at this time

If you expect to *gain* space, please complete questions D9 and D10.

D9. Additional Space.

Calendar year in which you expect to take possession: _____

Total expected additional constructed or renovated space (the amounts in subcategories should add up to the total): _____

       Faculty, staff, and graduate student office space: _____

       Conference and seminar rooms: _____

       Research laboratories operated by department: _____

       Instructional laboratories operated by department: _____

D10. Source of funding for the construction/renovation project (check all that apply):

❑ Institutional
❑ Federal
❑ State
❑ Industrial
❑ Private

If you expect to *lose* space, please complete question D11

D11. Space lost

Calendar year in which you expect the space to be lost: _____

Total space expected to be lost _____

Main reason(s) for loss _____

Permission for Use of Data by CRA Committees

☑ **U1.** Permission is granted for use of departmental data by CRA committees, on the condition that no individually identifiable information is released..

This item, new in 2011, grants permission for CRA committees (in particular CRA-W, CDC, and CRA-E) to use your institutional data for purposes beyond Taulbee reporting. We are asking for this permission because demonstrating that our activities are proving effective is becoming more and more critical and determining effectiveness requires us to know who is doing what. There is simply no other source of such information than the Taulbee Survey.

As always, only aggregate data (not identifiable to a single institution or individual) will be released. Your individual institutional responses will be seen only by CRA staff and paid consultants, not by CRA volunteers. No financial data (salaries or research expenditures) will be included in these additional analyses.

The item will be pre-checked on the online survey to allow permission, but may be unchecked if you wish to decline.