

2007-2008 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.

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 2009 *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 7.

Your password for electronic submission of this survey will be sent by letter.

Instructions

New This Year

There are many changes this year. Please feel free to call 202-234-2111 X109 or e-mail survey@cra.org with any questions.

- Addition of I-schools and I-category in addition to CS and CE
 - Taulbee is expanding to include Ph.D.-granting Information schools and departments beginning this year
 - Questions that previously asked for students categorized by CS or CE now ask for categorization by CS, CE, or I.
- Change in terminology: “academic units” instead of “departments”
 - Taulbee has traditionally requested information at the department level. However, for some existing participants and for some of the new I-school participants, information is better reported at the school or college level. Therefore, the form and instructions will now refer to “academic unit” and “academic unit head” instead of departments and chairs.
 - If you have previously reported at the department level and this makes sense for you, keep doing it. The department is your academic unit and the department chair is your academic unit head.
 - If you have previously reported at the department level and want to change that or have had a reorganization requiring a change, contact Betsy Bizot, survey@cra.org or 202-234-2111, X109. You will need a change in password to move your reporting to a different level.
 - If you are new to Taulbee and aren't sure whether to report at the department, school, or college level, this will depend on the organization of your computing programs. In general, report at the lowest academic unit for which a unique set of students and faculty can be identified. If, for example, faculty belong to a department but students are considered students of the school as a whole, or vice versa, then you will need to report at the school level. (Note: uniquely identified faculty can still have joint appointments across departments.)
 - If you are reporting at the school or college level, please be sure that no departments included in the school or college are reporting separately. We want to avoid double-counting students or faculty.
- Change in PhD Specialty Areas
 - The list has been revised. Some changes have been made to previous items (e.g. separating OS and Networks) and I-areas have been added. The areas are now in alphabetical order, except “other” is last.
 - You can now specify a primary and secondary specialty area for each PhD granted. A secondary area should be entered when the

- student's research overlaps areas of computing, or when the research is interdisciplinary beyond computing. It can be left blank if not needed.
- If the specialty area (primary or secondary) is "other," then there is a space to type in the other field. This will help us track emerging areas and also start to see interdisciplinary connections.
 - Changes to the ethnicity reporting
 - Our ethnic groupings were revised to align with those used by the National Center for Educational Statistics.
 - Two categories were added for US citizens and permanent residents: Asian/Pacific Islander was divided into "Asian" and "Native Hawaiian or other Pacific Islander," and a category for "More than one race" was added.
 - There are changes in function for transferring between sections, viewing a summary, and submitting the final survey. There is a change in cross-checking ethnicity and gender totals. See online survey notes, below.
 - We ask you to complete the basic contact information (Contact Person name, e-mail, and phone number) online as soon as the online survey is available. This will help us know which academic units have not accessed the survey (and therefore might not have received it) without sending unnecessary reminders to academic units that are gathering the information but have not yet begun to enter it online.

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. If you provide inconsistent answers, CRA staff will likely contact you for clarification.
- **CS, CE, and I only:** Only include data for computer science, computer engineering, and computing-related information programs. 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 computing-related

- information, and then pick the most appropriate category (CS, CE, or I). We leave it to the academic unit to decide which programs are computing related (and included) and which are not (and 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 faculty; research staff 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, but modified: 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, this year 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, 1100 Seventeenth Street NW, Suite 507 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 10, 2008 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 5, 2009.

On-line Survey Notes

There has been another substantial change in the survey software this year. In general, the differences won't show at the user level. However, the following functions operate somewhat differently than they did in the past.

- Information preloaded from previous years. In addition to the University, College, and department name, the degrees granted for your unit will be pre-loaded from last year's Taulbee.
- 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 10 or in any data after January 5, 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”

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, 2007 - June 30, 2008). Please make every effort to ascertain this information. Use the “unknown” categories only as a last resort. Ethnicity categories are slightly different this year; for definitions, see the instructions.

| | 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 | | | | | | | |
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| 30 | | | | | | | |

(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 this year, 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

| | |
|-----|--|
| Ten | PhD-granting CS/CE/I Department, tenure-track |
| Res | PhD-granting CS/CE/I Department, non-tenure-track researcher |
| Pd | PhD-granting CS/CE/I Department, postdoc |
| Tch | PhD-granting CS/CE/I Department, non-tenure-track teaching |
| CSE | Other CS/CE/I Department |
| Non | Non-CS/CE/I Department |
| In | Industry |
| Gov | Government |
| SE | Self-Employed |
| UE | Unemployed |
| Oth | Other |
| Unk | Unknown |

Employment Location

| | |
|-----|----------------|
| US | United States |
| Can | Canada |
| In | India |
| Ch | China |
| EU | European Union |
| 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, 2007 - June 30, 2008), 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 2007-2008 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, 2007 - June 30, 2008?

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, 2007 - June 30, 2008?

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 2008 | 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, 2008 - June 30, 2009)?

CS _____ CE _____ I _____

P9. To assist in comparing results to last year's Taulbee, choose one:

- _____ Unit did not complete the 2007 Taulbee and/or has no "I" students
- _____ Students counted as "I" would have been reported as CS in 2007
- _____ Students counted as "I" would have been omitted in 2007
- _____ Some "I" students would have been reported as CS in 2007 and some omitted; % who would have been reported CS: _____
- _____ Other, please specify _____

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, 2007 - June 30, 2008), categorized by gender and ethnicity?

Note: The total number of master's degrees reported by gender (question M2) should equal 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, 2007 - June 30, 2008)? 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 2008? 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, 2008 - June 30, 2009)?

CS _____ CE _____ I _____

M7. To assist in comparing results to last year's Taulbee, please choose one:

- _____ Unit did not complete the 2007 Taulbee and/or has no "I" students
- _____ Students counted as "I" would have been reported as CS in 2007
- _____ Students counted as "I" would have been omitted in 2007
- _____ Some "I" students would have been reported as CS in 2007 and some omitted; % who would have been reported CS: _____
- _____ Other, please specify _____

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, 2007 - June 30, 2008), categorized by gender and ethnicity?

Note: The total number of bachelor's degrees reported by gender (question B2) should equal 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, 2007 - June 30, 2008)? Include those reported in the previous question (graduated in 2007-2008). 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 2008? 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, 2008 - June 30, 2009)?

CS _____ CE _____ I _____

B7. To assist in comparing results to last year's Taulbee, choose one:

- _____ Unit did not complete the 2007 Taulbee and/or has no "I" students
- _____ Students counted as "I" would have been reported as CS in 2007
- _____ Students counted as "I" would have been omitted in 2007
- _____ Some "I" students would have been reported as CS in 2007 and some omitted; % who would have been reported CS: _____
- _____ Other, please specify _____

Faculty Section

F1. Indicate the total number of faculty positions in your academic unit that you tried to fill last year (July 1, 2007 - June 30, 2008); 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 should equal 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) | | | |

F2. Of those who were full-time faculty (*tenured, tenure-track, and non-tenure-track*) last year (July 1, 2007 - June 30, 2008), how many are no longer full-time faculty as of July 1, 2008, 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, 2008 - June 30, 2009).

F3. Indicate the number of full-time equivalent (FTE) positions that are **currently filled** (08-09). Then project your academic unit's faculty size over the next two years based on FTE positions. Do not leave columns 2 and 3 blank — 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 | 08-09 | 09-10 | 10-11 |
|--------------------------|-------|-------|-------|
| 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) should equal 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. How many faculty in your academic unit are part time (straight count, not FTE)? Do not include casual adjuncts. Do include any faculty who are not inherently temporary and who are part-time in your unit because of shared appointments, phased retirement, dual-career agreements, university-industry collaborations, or other deliberate arrangements.

| F6. Part-Time Faculty | Full | Assoc | Asst | Teaching | Research | Postdoc |
|-----------------------|------|-------|------|----------|----------|---------|
| Part-Time Faculty | | | | | | |

How many full-time faculty were newly appointed to work during the period July 1, 2008 - June 30, 2009, categorized by gender and ethnicity?

Note: The total number of faculty reported by gender (question F7) should equal 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, 2007?**

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 full-time faculty. [**Note: See instructions for help calculating median salaries.**] Use salaries effective January 1, 2009. 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, 2007**. Use salaries effective January 1, 2009. 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, 2009***.

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, 2008), and (2) the person received his/her Ph.D. the previous academic year (after June 30, 2007).

Salary Section - Full Professors

| | Year Promoted | Salary |
|----|---------------|--------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |
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| 10 | | |
| 11 | | |
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| 29 | | |
| 30 | | |
| 31 | | |
| 32 | | |
| 33 | | |
| 34 | | |
| 35 | | |

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

Salary Section – Associate Professors

| | Year Promoted | Salary |
|----|---------------|--------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
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| 32 | | |
| 33 | | |
| 34 | | |
| 35 | | |

* 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 |
|----|---|--------|
| 1 | | |
| 2 | | |
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| 32 | | |
| 33 | | |
| 34 | | |
| 35 | | |

* 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 |
|----|---|--------|
| 1 | | |
| 2 | | |
| 3 | | |
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| 7 | | |
| 8 | | |
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| 34 | | |
| 35 | | |

* 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 |
|----|---|--------|
| 1 | | |
| 2 | | |
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| 34 | | |
| 35 | | |

* 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 |
|----|---|--------|
| 1 | | |
| 2 | | |
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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 the questions in this section, please treat contracts whose principal investigators have appointments in your academic unit as if they were run through your unit.

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 external 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.

\$ _____

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 2008. 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 2008) 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 | |