

COMPUTING RESEARCH ASSOCIATION

2000 Survey on Profiles of Ph.D.-Granting Departments  
of Computer Science and Computer Engineering

University:

Department:

Address: \_\_\_\_\_

Respondent: \_\_\_\_\_

Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

We are interested in the data for CS and CE programs only. If your department is a combined department, e.g., EECS, EECE, please provide data only for the CS or CE division. If your department is a CS, CE or CSE department, please provide data for the whole department.

Unless otherwise stated, answer the questions for the most recent annual period for which you have complete data for your department or division. If you have any questions on how to fill out the survey, please send an e-mail message to [profiles@cra.org](mailto:profiles@cra.org)

**You can complete the form on line** (<http://www.cra.org/statistics/profiles/home.html>). In order to access it, you will need your institution's password. Please contact Jay Vegso at [profiles@cra.org](mailto:profiles@cra.org) in order to receive your password. We encourage use of the online form to expedite more accurate results.

**If you choose submit a hardcopy your results**, please address them to:

CRA Profiles Survey  
1100 Seventeenth Street, NW  
Suite 507  
Washington, DC 20036-4632  
Fax: 202-667-1066

## BACKGROUND

1. Is your university

\_\_\_\_\_ public  
\_\_\_\_\_ private

2. Is your department operating on the

\_\_\_\_\_ quarter system  
\_\_\_\_\_ semester system

## STAFF SUPPORT

1. Number of FTE secretarial and administrative staff (as of Fall 1999): \_\_\_\_\_

(a) on institutional funds: \_\_\_\_\_  
(b) on external funds: \_\_\_\_\_

Note: The numbers from lines (a) and (b) should add up to the total number reported for item 1.

2. Number of FTE computer support staff, excluding part-time undergraduate students and graduate students supported as TAs, RAs, etc.: \_\_\_\_\_

(a) on institutional funds: \_\_\_\_\_  
(b) on external funds: \_\_\_\_\_

Note: The numbers from lines (a) and (b) should add up to the total number reported for item 2.

3. Number of FTE researchers other than faculty and graduate students: \_\_\_\_\_

(a) on institutional funds: \_\_\_\_\_  
(b) on external funds: \_\_\_\_\_

Note: The numbers from lines (a) and (b) should add up to the total number reported for item 3.

## BUDGET

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

1. Total annual operating budget from university funds (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. (**do not** include personnel salaries and benefits): \$ \_\_\_\_\_

2. What was the total expenditure (including indirect costs or "overhead", as stated on project budgets) from external sources of support for Computer Science/Engineering research? For interdisciplinary projects with a CS/CE component, please include only that fraction of the expenditure that supported CS/CE research. \$ \_\_\_\_\_

3. Break down the total expenditures from Question 2, including overhead, by source:

NSF:	\$ _____
NSERC (Canadian schools only):	\$ _____
DARPA:	\$ _____
NIH:	\$ _____
DOE:	\$ _____
State or Provincial agencies:	\$ _____
Industrial sources:	\$ _____
Other defense research agencies, e.g., ARO, AFOSR, ONR:	\$ _____
Other mission-oriented federal agencies (US or Canada):	\$ _____
Other:	\$ _____

**SPACE**

**Notes:** (i) All space estimates should be in net square feet; (ii) In the case of space shared with other units, prorate based on usage.

1. Total departmental space: \_\_\_\_\_ sq. ft.

faculty, staff and graduate student office space: \_\_\_\_\_ sq. ft.  
conference and seminar rooms: \_\_\_\_\_ sq. ft.  
research labs operated by department: \_\_\_\_\_ sq. ft.  
instructional labs operated by department: \_\_\_\_\_ sq. ft.

Note: The amounts in all subcategories should add up to the total.

2. Does your department have definite plans to gain newly constructed or newly renovated space that was not in the department before:

Yes \_\_\_\_\_ No \_\_\_\_\_

If you checked Yes, please provide data for questions 3 - 5.

Otherwise, please move on to **FACULTY TEACHING LOADS** section.

3. The expected year in which construction or renovation will be completed: \_\_\_\_\_

4. Expected square footage of constructed or renovated space (the amounts in subcategories should add up to the total): \_\_\_\_\_sq. ft.

faculty, staff and graduate student office space: \_\_\_\_\_ sq. ft.  
conference and seminar rooms: \_\_\_\_\_ sq. ft.  
research laboratories operated by department: \_\_\_\_\_ sq. ft.  
instructional laboratories operated by department: \_\_\_\_\_ sq. ft.

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

institutional: \_\_\_\_\_  
federal: \_\_\_\_\_  
state: \_\_\_\_\_  
industrial: \_\_\_\_\_  
private: \_\_\_\_\_

5. Rank your degree of certainty that the planned constructed or renovated additional space will be available (choose only one option):

- Long delay expected; may never happen
- Long delay expected; will probably happen
- Some delay expected
- Likely to be completed on time
- Certain to be completed on time

**FACULTY TEACHING LOADS**

1. Official teaching load for a tenure track faculty member in your department: \_\_\_\_\_ courses/academic year.

2. Is reduction possible? \_\_\_\_ Yes \_\_\_\_ No

3. If Yes, reason for reduction (check all that apply):

- \_\_\_\_ special package for new faculty
- \_\_\_\_ administrative duties
- \_\_\_\_ type or size of class taught
- \_\_\_\_ buy out; buy out rate for one course (pick one):  
\_\_\_\_ % of academic year salary, or fixed amount of \$ \_\_\_\_\_
- \_\_\_\_ strong research involvement
- \_\_\_\_ other (list)  
\_\_\_\_\_  
\_\_\_\_\_

4. Is increase possible? \_\_\_\_ Yes \_\_\_\_ No

5. If Yes, reason for increase:

- \_\_\_\_ shifting primary responsibilities to teaching
- \_\_\_\_ other (list)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. Actual average teaching load for a tenure track faculty member in your department in the most recently completed academic year (total number of courses taught by tenure-track faculty in an academic year/number of tenure track faculty, excluding those on leaves): \_\_\_\_\_ courses/academic year.

**GRADUATE STUDENT SUPPORT**

1. What is the standard work requirement for a full time TA appointment?

\_\_\_\_\_ hrs/week

2. What is the standard work requirement for a full time RA appointment?

\_\_\_\_\_ hrs/week

3. Number of FTE students receiving full support (as of Fall 1999):

	FTEs on institutional funds	FTEs on external funds
Teaching Assistants:	_____	_____
Research Assistants:	_____	_____
Full-support fellows:	_____	_____
Graduate Assistants for computer system support:	_____	_____
other:	_____	_____

4. Net amount (as of Fall 1999) of an academic year stipend for a graduate 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):

	<u>Average stipend</u>
Teaching Assistants:	\$ _____
Research Assistants:	\$ _____
Full-support fellows:	\$ _____
Graduate Assistants for computer system support:	\$ _____
other:	\$ _____

5. What factors affect the amount of stipend? Check all that apply:

- Advancement in the program of study
- Passed qualifier exams
- GPA
- Recruitment enhancements
- Differences among various stipend sources
- Other (specify):

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6. What incentives are used to recruit new graduate students.  
Check all that apply:

- stipend enhancements; average amount \$ \_\_\_\_\_
- guaranteed multi-year support; for \_\_\_\_\_ year(s)
- guaranteed summer support; average amount \$ \_\_\_\_\_
- paid visits to campus; average amount/visit \$ \_\_\_\_\_
- other (list them)

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