

Highlights from Student Survey

Tracy Camp



COLORADO SCHOOL OF MINES
engineering the way



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Computing Research Association
Evaluation

Center for Evaluating the Research Pipeline



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Why did you enroll in an intro CS course? *for students who are NOT CS major/minor*

| | Non-major/ minor (N=405) |
|------------------------------------|--------------------------------|
| It was required for my major/minor | 64% |
| Curiosity/interest in computers | 54% |
| A teacher/mentor encouraged me | 13% |
| My parents encouraged me | 6% |



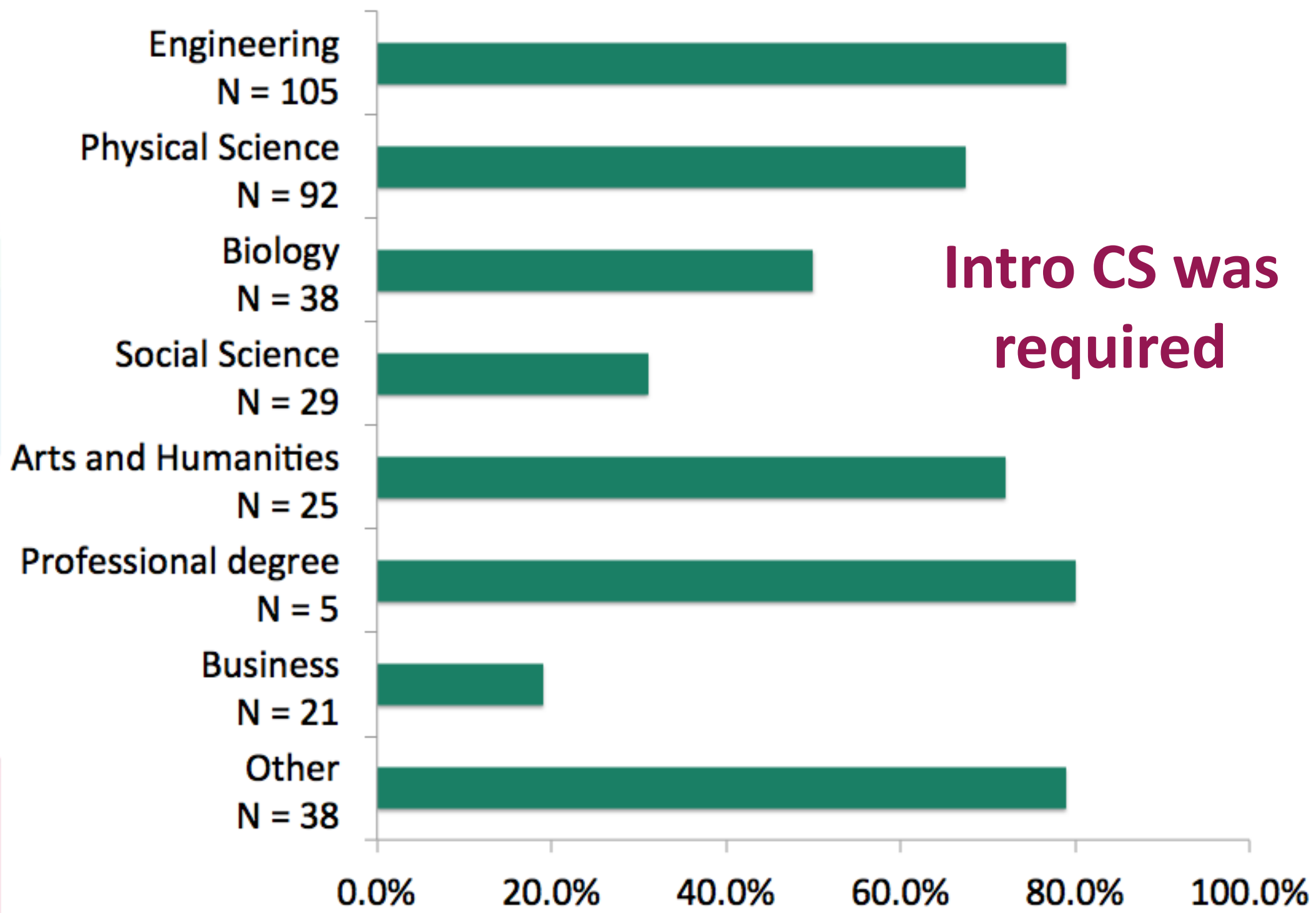
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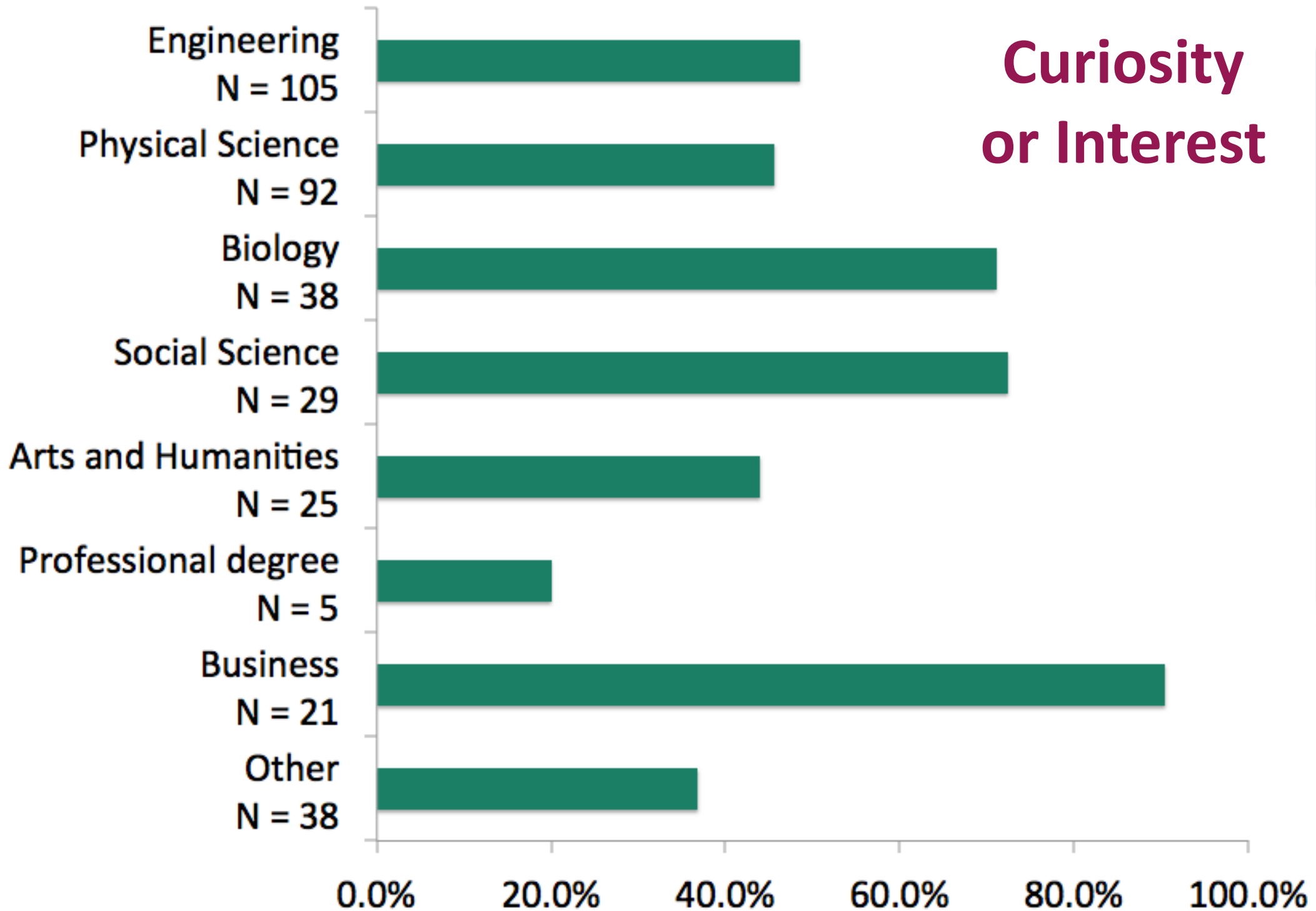


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Curiosity or Interest



How important to you is it that your future career allows you to ...

(1) not at all important ... (5) extremely important

| students in intro course | Computing Major N=1796 | Non-Computing Major/Minor N=602 |
|---------------------------------------|---------------------------|------------------------------------|
| Make a lot of money | 3.8 | 3.6 |
| Give back to my community | 3.5 | 3.7 |
| Serve humanity | 3.4 | 3.6 |
| Take time off work to care for family | 3.6 | 3.7 |

How important to you is it that your future career allows you to ...

(1) not at all important ... (5) extremely important

| students NOT in intro course | Computing Major N=2491 | Non-Computing Major/Minor N=160 |
|---------------------------------------|---------------------------|------------------------------------|
| Make a lot of money | 3.6 | 3.5 |
| Give back to my community | 3.3 | 3.8 |
| Serve humanity | 3.3 | 3.7 |
| Take time off work to care for family | — | — |



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all significantly different, $p \leq 0.05$



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To what extent would a career in computing allow you to ...

(1) not at all ... (5) very much

| students in intro course | Computing Major N=1822 | Non-Computing Major/Minor N=611 |
|---------------------------------|---------------------------|------------------------------------|
| Serve humanity | 3.8 | 3.5 |
| Be in a position of influence | 3.8 | 3.5 |
| Spend time with family | 3.4 | 3.2 |

all significantly different, $p \leq 0.05$



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To what extent would a career in computing allow you to ...

(1) not at all ... (5) very much

| students NOT in intro course | Computing Major N=2537 | Non-Computing Major/Minor N=163 |
|-------------------------------------|---------------------------|------------------------------------|
| Serve humanity | 3.6 | 3.3 |
| Be in a position of influence | — | — |
| Spend time with family | 3.3 | 3.1 |

all significantly different, $p \leq 0.05$



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