

Why the AI?

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We have a problem.

- ① Long-term increase in mean grades across the university
- ② Substantial and growing systematic inequality in grading patterns by, *inter alia*:
 - Department and
 - Instructor

The problem has consequences.

- `http://www.pickaprof.com/?hid=87.138&show_service=prof_grades`

The problem has consequences.

- We have no suitable way of comparing students' accomplishment across courses and departments
- Students who are unusually grade-oriented can increase their likelihood of attaining a high GPA and, therefore, university distinction through strategic course selection
- Some students who are learning-oriented face the dilemma of sacrificing the recognition of GPA and university distinction if they select courses for substantive reasons
- Since we *already* rank students as a matter of university policy, fairness and accuracy in that ranking process are crucial

A good solution should. . .

- Recognize the legitimately differing standards and approaches to grading that inhere in the widely varying disciplines UNC offers;
- Underscore faculty's intellectual freedom and integrity in terms of evaluating students' work;
- Recognize high-quality work by students in all classes, including those in which many of the other students are performing high-quality work; and
- Fairly reflect the quality of students' work as distinct from the courses and instructors they select.

Possible solutions

Princeton: Ration the number of each letter grade an instructor may offer in each section (similar to an enforced grading curve)

Swarthmore honors: Separate evaluation from teaching

Indiana: Report context information for each grade on a transcript
Refrain from comparing students' accomplishment across departments and instructors

Or...

The Achievement Index

- 1 Assume that a higher grade in a section is better than a lower grade, *but nothing more*
- 2 Establish a statistic that represents each student's achievement relative to other students in his/her section
- 3 Include in this statistic students' classmates' achievement in their other classes
- 4 Report this statistic alongside traditional GPA, and
- 5 Use this statistic for applications in which the university must compare accomplishment across department and instructor