Damage to science teaching

A recent issue of Science presents disturbing evidence that the enormous extent of Government subsidies for scientific research may be seriously weakening the standing of all university scientists. As the cleavage between science teachers and students in such, Harold Orans of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

Some large schools the problem of graduating seniors who do not know faculty members well enough to get re- port to a meeting of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.