Start with a broad overview of the big picture. Help them see the value of their project. Point out the value of a research experience.

Give them a real taste of science. Develop their own question/hypothesis. Insist they participate in constructing a work plan. Let them struggle a bit. Work towards a report, poster, publication.

Provide adequate resources. Assign a graduate student as a mentor.

Regular individual and group meetings.

Allow them to develop new transferrable skills. Our group: programming with MATLAB/Python.

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