



STEM CAREER PROFILE

RESEARCH SCIENTIST



What is a Research Scientist?

Research Scientists setup and carry-out experiments in order to broaden mankind's scientific knowledge in a particular area. The range of areas in which research scientists work is huge and varied. The day-to-day work can entail putting together research proposals for funding, conducting experiments in the laboratory, and analyzing data.



Air Liquide Example

Raj is a Research Scientist in Air Liquide's Research & Development division at the Innovation Campus Delaware in Newark. He works in the Analysis & Fine Chemistry Group and specializes in nanotechnology for the electronics industry. Today, he is in the lab testing atomic layer depositions with different gas mixtures on semiconductors.



Salary Range

\$80,000 - \$140,000



Education

Requires a Master's degree or PhD. Practical experience while in school is highly valued, so internships and fellowships are always a plus!



Skills

Analytical Skills | Communication | Creativity | Interpersonal | Organizational | Math | Perseverance | Time Management | Problem Solving



Get a Head Start Now by Taking These Classes

Mathematics | Biology | Chemistry | Physics | Communication | Computer Science

