



TRAE

PHARMACEUTICAL SCIENTIST

SINGOTA SOLUTIONS

TOP 5 SKILLS AND ABILITIES

Math and Science Skills

Technical Writing

Problem Solving Skills

Project Management

Computer & Lab Skills

CURRICULUM RESOURCES

- Phases of Fun (K-2)
- Science, Cells, and Bacteria, Oh My! (3-5)
- Is It Pure? (6-8)
- Protein Origami (9-12)

ABOUT TRAE

Trae is a pharmaceutical scientist at Singota Solutions in Bloomington, Indiana. Singota Solutions manufactures medical compounds and chemicals for other organizations. Trae's job at the lab is to find the best way to manufacture functional products for the client.

Trae's career focuses heavily on biology, chemistry, and biochemistry but anyone who conducts scientific research to solve a problem can be called a scientist. Trae pursued this career because he was interested in cells—how they grow, how they behave, and how they can be modified to make things humans need. He earned a bachelor's degree in biotechnology, which is the study of modifying cells to produce needed molecules.

Scientists at Singota Solutions engage in product development and analytical testing to improve the lives of people who need better healthcare solutions. Other scientists engage in clinical investigation, research, and development of medical treatments or devices. Generally a bachelor's degree is required for this career field and many people go on to attain advanced degrees.



Having a degree in the sciences
definitely opens the doors to
more opportunities!



[Click here to see Trae on the job!](#)

Related Careers	Required Degree or Certification	Median Income
Laboratory Technician	Associate Degree	\$45,510
Laboratory Assistant		\$46,610
Biological Technician	Bachelor Degree	\$41,080
Cytotechologist		\$46,550
Laboratory Manager		\$54,350
Biologist		\$71,510
Research Scientist (Biologist, Chemist, Biochemist)	Masters or Doctoral Degree	\$91,370+

POST-SECONDARY PROGRAMS IN BIOMEDICAL TECHNOLOGY TO EXPLORE

Ivy Tech

- Biopharmaceutical Manufacturing Certificate
- Regulatory Affairs Certificate
- Biotechnology (AS)

Purdue University

- Biomedical Engineering
- Biochemistry
- Biology

Vincennes

- Biochemistry (AS)
- Biological, Biomedical Sciences (AS)
- Biology, Cellular Biology, and Genetics (AS)
- Clinical Laboratory Science (AS)
- Engineering - Biomedical Engineering (AS)
- Engineering - Chemical Engineering (AS)

Indiana University

- Molecular Life Sciences
- Biology
- Biotechnology
- Biochemistry
- Human Biology