

Bio-Medical Field

Southern Alleghenies Workforce Investment Board

Overview

In this segment of *Career Gates* you will discover a career that helps mankind and animal kind. Join employees from Lampire Biomedical and Windber Research Institute as they share their insight into the industry of biomedical research.

Discussion/Questions

1. There were different positions introduced within the field of biomedical research. Which one interested you the most and why? What types of responsibilities would this position require of you?
2. What types of skills do you think a person working in biomedical research would need to possess? Consider their daily activities as well as the people and/or animals with whom they'd be interacting.
3. As mentioned in this segment, companies within this industry are trying to attract the interest of students at an early age to later become a part of this field. Are companies in your area offering any opportunities to learn more about this industry? What are some ways in which they could attract the attention of teens your age?

Activities

1. The field of biomedical science continues to grow. There is a great need for new employees and scientists to become a part of this industry. As a result, there may be additional benefits and incentives that certain companies are offering. Look into several biomedical research companies in your area and determine what types of incentives they offer such as tuition reimbursement, salary incentives, and benefits. Compare this information to that of another career in which you may be interested.
2. Biomedical research is experiencing tremendous, cutting edge advancements. Use scientific journals as well as factual sources from the Internet to learn about some of the latest advancements and discoveries. What are the implications of these discoveries in terms of helping others? Choose one of these discoveries to research further and present information on it to your classmates. As you research your information, consider how it would feel to be a part of this discovery and the possibilities it implies for helping others. Is it something of which you would like to be a part?
3. Contact your guidance counselor to determine what types of courses are required for a career in biomedical research. How many years does this program take? Which colleges in your area offer degrees within this field? Are there any hands-on training requirements necessary such as lab experience? After you gather this information, create a career plan in regards to your education. Is there anything you can start doing now to get a head start?

Academic Standards

13.1.11.A. Relate careers to individual interests, abilities, and aptitudes

13.1.11.C. Analyze how the changing roles of individuals in the workplace relate to new opportunities within career choices.

13.1.11.F. Analyze the relationship between career choices and career preparation opportunities, such as, but not limited to: Associate degree, Baccalaureate degree, Certificate/licensure

13.1.11.H. Review personal high school plan against current personal career goals and select postsecondary opportunities based upon personal career interests.



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