



# Quantum Leap Voyages

## THE CURE TRAVEL LOG



Mentors Logan and Olivia

STUDENT NAME	EMAIL ADDRESS	START DATE:  END DATE:
<p align="center"><b>“The mission of this exploration is to make the student aware of the PATHWAYS to career success!”</b>  <b>Your responses to each adventure should be three or more sentences!</b></p>		
<b>PATHWAY 1 HIGH SCHOOL</b>  <b>STEP #1 CLASSES &amp; CLUBS</b>	What classes are available in your school to help Victoria and Christopher explore cybersecurity? What <a href="#">Career and Technical Education</a> courses are available? List the courses from both groups. They also join a club. Does your school have a Science Olympiad Club or another that deals with science and research? Explain.	
<b>STEP #2 &amp; #3 CONSIDERING VARIOUS MEDICAL RESEARCH PATH</b>		
Olivia and Logan want to explore the field of medical research. Watch the 6 selected medical related videos to help them decide on a career path. How have these videos inspired you to consider becoming a medical scientist? Is there a field of research you want to pursue to help find a significant medical discovery? Record your thoughts and findings.		
<a href="#">Video 1</a> <a href="#">Video 2</a> <a href="#">Video 3</a> <a href="#">Video 4</a> <a href="#">Video 5</a> <a href="#">Video 6</a>          		
<b>STEP #4 – STEM...SCIENCE OLYMPIAD</b>	Do some research into <a href="#">Science Olympiad</a> .	
<ol style="list-style-type: none"> <li>1. How do you join?</li> <li>2. What's the next competition?</li> <li>3. What are the requirements?</li> <li>4. Are you interested in participating, and why?</li> <li>5. Add anything else you discovered of interest.</li> </ol>		



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**PATHWAY 2 HIGH SCHOOL  
SUMMER ADVENTURES  
STEP #5 MEDICAL PRE-  
CAREER CAMPS AND  
WORKSHOPS**

Nearing end of school year, Olivia and Logan investigate summer science and medical related programs. Explore the medical pre-career camps at [University of Buffalo](#). Check out **Learn About the Health Professions and Prehealth Advising Workshops**.

Do you think this will assist Olivia and Logan in making career choices?

Should Olivia and Logan continue to explore additional opportunities?

**STEP #6 – LIVE-AWAY  
SUMMER PROGRAM FOR  
LOGAN**

Logan is considering going to a live-away summer STEM medical and healthcare program. He’s excited at the thought of hands-on experience. Research [The National Student Leadership Conference](#).

Do you think experiencing a program like this would be of benefit to Logan on his career pathway? Why?

Would you want to be a part of such a program? Explain why or why not.

**STEP #7 – LOCAL FIRST AID  
AND VOLUNTEERING FOR  
OLIVIA**

Olivia decides to do a First Aid Course. She is interested in later becoming a Junior Volunteer at the local hospital. Review resources: [American Red Cross](#), [NYU Winthrop Hospital](#), [Stony Brook Medicine](#)

**STEP #8 SCIENCE CAMP**

Logan and Olivia consider Science Camps. Both are interested in learning more about DNA. Log details about summer camps at [DNA Learning Center](#). Watch [DNA Bar Coding](#) video. Check out the [Otzi the Iceman](#) exhibition.

List camps, activities, and curious facts you discovered:



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<b>PATHWAY 3 COLLEGE</b> <b>STEP #9 – OLIVIA</b> <b>RESEARCHES COLLEGES</b>	Olivia is interested in courses in Clinical Lab Sciences or Biomedical Sciences. Research <a href="#">St. John's University</a> – <a href="#">University of Vermont</a> – <a href="#">SUNY Stony Brook</a>
<p>What types of courses will be asked to take to complete these college majors?</p> <p>Do they offer another college major which will prepare Olivia for this career path? Log your findings.</p>	
<b>STEP #10 – OLIVIA DECIDES ON A 4-YR UNIVERSITY</b>	Olivia decides on University of Vermont Bachelor of Science in Medical Laboratory Science. Take a look at <a href="#">UVM website</a> and <b>Beyond the Classroom</b> .
<p>Share why you would or would not consider joining Olivia in attending this school?</p> <p>In Beyond the Classroom, do you think the practicums, research with faculty, study abroad and Biomedical and Health Sciences Club would be a good opportunity for you on your career path in Clinical Research? Log your thoughts.</p>	
<b>STEP #11 – LOGAN CONSIDERS 2YR COMMUNITY COLLEGE</b>	Logan has been considering Nassau Community College for its Allied Health Sciences majors. He can also volunteer at local hospital while at college. Read <a href="#">Community College Blog</a> . Explore NCC, <a href="#">CUNY Queensborough Community College</a> and <a href="#">Suffolk County Community College</a> .
<p>Read Community College Blog: 8 Reasons Why Community College Might Be the Best Choice After High School. Share your thoughts:</p> <p>After comparing the alternative two-year colleges for health careers, would you advise Logan differently? Why?</p> <p>Would you considering completing a two-year program and then go to a four-year school to complete education? Why?</p>	
<b>STEP #12 – LOGAN IS COLLEGE READY!</b>	After careful consideration, Logan selects <a href="#">Nassau Community College</a> in <a href="#">Health Information Technology</a> . Investigate NCC and his course of study.
<p>After reviewing NCC and his course of study, do you believe Logan made a good college choice?</p> <p>Would you have considered this school as well? Why?</p> <p>Do you think this college choice will allow an easy transition to a university for a four-year degree?</p>	



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**PATHWAY 4  
COLLEGE SUMMER  
ACTIVITIES  
STEP #13 – JOB HUNTING AND  
SUMMER LEARNING**

Olivia and Logan explore [indeed.com](https://www.indeed.com) to look for summer work opportunities. Help them by searching for jobs or internships for clinical research for Olivia and health information technology for Logan. Also look for any other opportunities for both.

Select two internships or jobs you find for Olivia and record an overview of details:

Select two internships or jobs you find for Logan and record an overview of details:

**STEP #14 – LAB TOURS LIVE  
AND VIRTUAL FOR OLIVA**

While researching at [Cold Spring Harbor Labs](https://www.cshl.org), Olivia discovers they have visitor tours for college students. Investigate their website. Take [Online Tour](#) (or set up a [Walking Tour](#))

Would this renowned research lab be a place you might like to work? Explain why.

Write a brief trip report of what you learned during either tour option.

**STEP #15 – LOGAN EXPLORES  
WORK AND INTERNSHIP  
OPTIONS**

Logan is looking for the right medical internship so as suggested by Oliva, he searches on [Chegg Internships](https://www.chegg.com/internships). Find 2 or 3 internships you find interesting. Explain why you chose them and why they would be of value to you?

**STEP #16 – LOGAN TAKES A  
CLOSE-UP VIEW OF A LOCAL  
UNIVERSITY**

Logan's friend, a student at [Stony Brook University](https://www.stonybrook.edu), offers to give him a tour of the facilities and campus. Exposed to the important medical research conducted there, he is now seriously SBU after his two-year degree. Take a virtual visit or tour of SBU and watch video.

1. Describe why campus life at SBU would be fun.
2. Consider if the medical research at SBU is what you want for your career path? Explain your thoughts.
3. Explain why you think this may or may not be an excellent continuation to Logan's two-year degree?



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<p><b>PATHWAY 5 LIFELONG LEARNING</b></p> <p><b>STEP #17 - LEARNING @ THE JOB SITE</b></p>	<p>Choose any 2 companies listed. Explore their websites. Answer the following:</p> <ol style="list-style-type: none"> <li>1. What is the corporation's vision? Goals? Mission?</li> <li>2. What services or products does the company provide?</li> <li>3. Using the organization's website career page – list the current job openings/internships which relate to your career goal.</li> <li>4. Find the organization's <a href="#">LinkedIn</a> site. What else can you learn about the company and its vision/goals?</li> </ol> <p>Companies: <a href="#">#1</a> <a href="#">#2</a> <a href="#">#3</a> <a href="#">#4</a> <a href="#">#5</a> <a href="#">#6</a> <a href="#">#7</a> <a href="#">#8</a> <a href="#">#9</a></p>
<p><b>STEP #18 - APPRENTICESHIPS</b></p>	<p>An apprenticeship is a paid period of training. Watch Wistar video. Review NYS <a href="#">Apprenticeship Video</a> – <a href="#">The Wistar Institute</a> – <a href="#">Clinical Research Coordinator Apprenticeships</a> – <a href="#">Biomedical Research Apprenticeship Program</a></p>
<ol style="list-style-type: none"> <li>1. Select two training opportunities you are interested in? Note details why.</li> <li>2. What <a href="#">IBEW Local</a> would you report to?</li> </ol>	
<p><b>STEP #19 - U.S. MILITARY SERVICES OPTION</b></p>	<p>Explore one of the military services below for a career related to the medical field. Watch <a href="#">video</a>: Navy Medicine Journal your feedback and describe the military training program you would consider joining to enhance your career.</p>
<p><a href="#">ARMY</a> – <a href="#">NAVY</a> – <a href="#">AIR FORCE</a> – <a href="#">MARINES</a> – <a href="#">U.S. COAST GUARD</a></p>	



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Congratulations on completing the voyage of career pathways for The Cure! Please summarize your experiences in the reflections below.

## STEP #20 – REFLECTION: IS THIS A CAREER PATHWAY FOR YOU? Watch video: [Medical Research](#)

1. Have you taken some of the high school courses you need to take to get yourself started on the pathway?
2. Which summer activity are you eager to take in order to validate your interest in this career field?
3. What “Life-long” learning options pathway will you take upon leaving high school? You can choose among full time employment, apprenticeships, armed services and post-secondary education, which are all sound choices.
4. If applicable, what college major and courses would you choose to study at a two-year or four-year college?
5. What summer activities are you eager to explore to increase your success chances of entering the field of employment after completion of high school or college?
6. When ready what full-time employment opportunities will you choose?
7. Which apprenticeship program(s) would you join for on-the-job training leading to full-time employment?
8. What military service would you consider for “FREE” education and training in the field you would like to pursue?
9. Did you enjoy this career pathway adventure and why?
10. Would you like to try another career pathway voyage?