

Summer Research Institute

Creighton
UNIVERSITY



Get to know our 2018 Summer Research Institute
Undergraduate Biomedical Students!!!
Here's a little more information about our 2018 SRI Undergrads!

The undergraduates participate in an 8 week, biomedical research experience where they are assigned to a Creighton University faculty research. These students are immersed in the research of their assigned faculty member's laboratory where they learn about a particular health disparity related experiment and contribute to their mentor's continuous research.

Here are a few questions we asked our students to get to know them better!

Jessica Cabusog	
University/High School Attending and Year (Fall 18)	University of Hawaii at Manoa Graduated
Your science interest/major	BS in Biology
Desired future health science profession	Physician - Current interest: Family Medicine
If you were not in health sciences, what would you want to be?	If being a physician was not an option, I would want to be a psychologist or someone who starts up her own community program around the globe to provide people with necessities and skills so that they can live better lives.
What is your ideal city and country you would want to live in? Why?	I think any city that incorporates a lot of nature and recreational areas is a place I would want to live in. I would want to be in a place that encourages exercise and a positive overall well-being. I would want to live in a city that isn't too congested with cars or at least has a great transportation system to get around.
If you could cure one disease or health disparity, what would it be? Why?	Although it probably sounds like a cliché answer, I would have to say cancer. However, one must keep in mind that there are different types of cancer and developing a cure for each one would require a different method. I would probably choose pancreatic cancer specifically, since it has the highest mortality rate and tends to be diagnosed in its very late stages.
What insight or knowledge have you gained from participating in the SRI program?	From participating in the SRI program, I feel like I have been challenged and encouraged to think critically. I have had so many opportunities to meet many professionals and to enhance my communication skills by presenting my newfound knowledge and findings. I've learned so much about the area of my research and I know I will be able to use that information during and beyond medical school. I feel like in lab, many tasks were suddenly thrown unto me or I had to learn a lot about a particular subject in such a short period of time and present on it, which I realized is probably something that will happen to me a lot in the future as a medical student or resident. I'm glad that I got to experience that feeling, so that I am better prepared for situations like that in the future.





Haaris Shahid	
University/High School Attending and Year (Fall 18)	Drake University Junior
Your science interest/major	Biology
Desired future health science profession	M.D. Physician
If you were not in health sciences, what would you want to be?	Animator
What is your ideal city and country you would want to live in? Why?	West Des Moines, Iowa, U.S.A
If you could cure one disease or health disparity, what would it be? Why?	Parkinson's disease, an interesting problem
What insight or knowledge have you gained from participating in the SRI program?	Knowledge pertaining to various chemical analysis instruments, the effort and attention to detail that goes into fine tuning them as well as various techniques used for lipid separation and purification

Jessica Grimmond	
University/High School Attending and Year (Fall 18)	Drake University Senior
Your science interest/major	Double major in Biology & Biochemistry, Cell, and Molecular Biology Minor: Writing
Desired future health science profession	Pediatrician
If you were not in health sciences, what would you want to be?	Fiction Editor
What is your ideal city and country you would want to live in? Why?	I would like to live in a large city in the US
If you could cure one disease or health disparity, what would it be? Why?	Provide access to healthcare for the low income, uninsured, and homeless
What insight or knowledge have you gained from participating in the SRI program?	I learned about health disparities and how medical research works in a lab. I learned about what it takes to be a PhD or medical school student.





Anthony Baker	
University/High School Attending and Year (Fall 18)	Nebraska Wesleyan University Junior
Your science interest/major	Psychology/Exercise Physiology
Desired future health science profession	Human Science Research
If you were not in health sciences, what would you want to be?	Sports Management
What is your ideal city and country you would want to live in? Why?	Beaverton, Oregon. It is right outside of Portland, and the climate up there is great.
If you could cure one disease or health disparity, what would it be? Why?	Any autoimmune disease, but if I had to pick one Type 1 Diabetes.
What insight or knowledge have you gained from participating in the SRI program?	How to use previous studies to better understand your own data, and sharing ideas with the people you work with to improve the study.

Lucy Chung	
University/High School Attending and Year (Fall 18)	Creighton University Graduated
Your science interest/major	Neuroscience, minor in Biology
Desired future health science profession	Family Medicine
If you were not in health sciences, what would you want to be?	Architectural Engineer
What is your ideal city and country you would want to live in? Why?	I would love to live in the city of Pétion-village in Haiti. It is a tight-knit community with many diverse leaders who are motivated to inspire change not only within their local community but also inspire change globally, reaching out to many communities abroad such as Omaha, Nebraska.
If you could cure one disease or health disparity, what would it be? Why?	I would prioritize curing HIV. This would not only be a great scientific feat but also, a large step forward for humanity because this disease has had a global and social impact on public health in many ways.
What insight or knowledge have you gained from participating in the SRI program?	During the SRI program, I have been able to attack scientific challenges with the guiding support of my mentors. These experiences have equipped me with skills on how to think logically through problems and anticipate issues ahead so that I can prepare for those as well.





Nick Choi	
University/High School Attending and Year (Fall 18)	Creighton University Junior
Your science interest/major	Neuroscience
Desired future health science profession	Pre-med (physician)
If you were not in health sciences, what would you want to be?	Computer Science
What is your ideal city and country you would want to live in? Why?	Los Angeles, California – I was born there, but never got to truly experience the city to its full potential because I moved to Kansas when I was very little.
If you could cure one disease or health disparity, what would it be? Why?	I believe equal access to healthcare is the one health disparity that I would fix because at the end of the day, a cure or treatment can only be effective if it can be accessed by those who need.
What insight or knowledge have you gained from participating in the SRI program?	I've gained a much greater appreciation for all the hard work that goes on in lab research that goes on our very own campus. Within my own research project, I have learned a lot about the fear circuit in our brain that regulates fear behavior.

Audrey Keim	
University/High School Attending and Year (Fall 18)	Missouri Western State University Senior
Your science interest/major	Biology with a Health Science concentration
Desired future health science profession	Physician
If you were not in health sciences, what would you want to be?	My dream job would be Ice Cream Taste Tester.
What is your ideal city and country you would want to live in? Why?	Denver, USA: I would want to live in Denver because there's always something to do in the city and beautiful views surrounding.
If you could cure one disease or health disparity, what would it be? Why?	I would want to cure Alzheimer's disease. From personal experience, I know that the lack of memory function is very difficult for both the patient and loved ones.
What insight or knowledge have you gained from participating in the SRI program?	I've learned the dedication that is involved within a lab. Everyone is all hands-on deck trying to further their research both individually and as a team.



Get to know our 2018 Summer Research Institute
Project SEED, Laboratory and High School Community Students!!!

Here's a little more information about our 2018 SRI High School Students!

The Project SEED and the Laboratory students participate in an 8 week, biomedical research experience where they are assigned to a Creighton University faculty research. These students conduct an independent research project that mirrors the current research of the assigned faculty mentor. The High School Community students conduct community-based participatory research with a local organization for 6 weeks to address a particular health disparity that the organization currently encounters with its patrons or would like to know more about with the clientele they serve.

Here are a few questions we asked our students to get to know them better!

Elsa Ramirez (High School Community)	
University/High School Attending and Year (Fall 18)	Omaha South High School Senior
Your science interest/major	Nursing
Desired future health science profession	Pediatric nurse
If you were not in health sciences, what would you want to be?	At a very young age, I knew that I wanted a career where I can help others and make an impact in my community. In addition, I enjoyed working with children. If I was not majoring in health sciences, I would want to be an English teacher.
What is your ideal city and country you would want to live in? Why?	I would love to live in a safe neighborhood, where the community is very involved with one another because I enjoy being around others and getting to know new people.
If you could cure one disease or health disparity, what would it be? Why?	With a greater understanding of cancer and how difficult it is to battle. I would want to find a cure for cancer. It would make the biggest difference worldwide.
What insight or knowledge have you gained from participating in the SRI program?	Participating in the community research has given me more insight on public health and community health. I have become more aware of the issues occurring in our city and the importance to address them. The situations that people are refusing to acknowledge, or little amount of people are trying to change, are those that need the most attention. In my research, as I discovered the social reality of young adults that have a criminal record, I realized the importance of influencing students at an early age. This could be done at schools, clubs, sports etc.



Jude Kouassi (Project SEED)	
University/High School Attending and Year (Fall 18)	Creighton Preparatory High School Junior
Your science interest/major	Chemistry
Desired future health science profession	Physician
If you were not in health sciences, what would you want to be?	Business
What is your ideal city and country you would want to live in? Why?	Los Angeles, California for the weather
If you could cure one disease or health disparity, what would it be? Why?	Diabetes and Heart Disease since it has affected many people in the African-American community as well as my own family.
What insight or knowledge have you gained from participating in the SRI program?	I've learned a lot about what it takes to be a scientist and how to work in a lab effectively and efficiently



Marco Pena (Project SEED)	
University/High School Attending and Year (Fall 18)	Omaha South High School Senior
Your science interest/major	Marine Biology
Desired future health science profession	Anesthesiologist
If you were not in health sciences, what would you want to be?	If I was not in health sciences I would like to be in Advertising design.
What is your ideal city and country you would want to live in? Why?	Tlaxcala city in Mexico is the ideal place I would want to live in. Aside from having most of my family living there, it is the place to live comfortably. The cost of living there is extremely cheap, and the food is amazing. Buying a three-liter soda for a dollar seems more ideal than having to pay 3 for a two-liter soda in the USA. Soccer fields are everywhere in Tlaxcala, and that is perfect because to me soccer is a lifestyle. Since it is a small state, it is so much easier to reach different locations.
If you could cure one disease or health disparity, what would it be? Why?	If I could cure one disease it would be Alzheimer's. To have loved one not recognize you, or simply struggle with their cognitive skills, is devastating. It is always more painful helping out because it creates a pity towards the person because they can't be on their own. I believe Alzheimer's kills part of person, which affects those around them. A cure of this disease could stop a chain of the events mentioned.
What insight or knowledge have you gained from participating in the SRI program?	In the SRI program, I've learned the value of being honest. Not only with one's self, but with the work that one is providing and presenting to others.





Godwin Djossou (High School Community)

University/High School Attending and Year (Fall 18)	Creighton Preparatory High School Senior
Your science interest/major	Pharmacy
Desired future health science profession	Pharmacist
If you were not in health sciences, what would you want to be?	Athlete
What is your ideal city and country you would want to live in? Why?	Los Angeles because I like the city overall.
If you could cure one disease or health disparity, what would it be? Why?	Cancer, because it is a widespread disease that right now is incurable but a lot of people suffer from cancer.
What insight or knowledge have you gained from participating in the SRI program?	I have learned how to formulate a project from the hypothesis all the way to the conclusion and use data more accurately.

Zachary Klimowicz (Laboratory)

University/High School Attending and Year (Fall 18)	Millard North High School Graduated (Regis University)
Your science interest/major	Biochemistry and Biophysics
Desired future health science profession	Researcher
If you were not in health sciences, what would you want to be?	Chemical Engineer
What is your ideal city and country you would want to live in? Why?	Denver, because I love the city and love the people
If you could cure one disease or health disparity, what would it be? Why?	I would try to find a cure for lung cancer, as it is one of the most prevalent and problematic and could save lots of lives
What insight or knowledge have you gained from participating in the SRI program?	I have learned more how the research process works, as well as the responsibilities scientists and researchers have in the modern era



The 2018 Summer Research Institute runs from **June 11, 2018 – August 3, 2018**.

The 2018 Summer Research Institute Colloquium will be **Friday, August 3, 2018 from 9am – 3pm** at the Creighton University Hixson-Lied Science Building, Room 404.

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**CENTER FOR PROMOTING
HEALTH AND HEALTH EQUITY**



2018 Summer Research Institute Colloquium



Friday, August 3, 2018

**Hixson-Lied Science Bldg, Room 404
Creighton University
Omaha, Nebraska**

Sponsored, in part, by the Nebraska Health Care Funding Act (LB 692) Nebraska Tobacco Settlement Biomedical Research Development Fund, Creighton University Health Sciences - Multicultural and Community Affairs, and the Center for Promoting Health and Health Equity