The Hawai’i IDeA Network of Biomedical Research Excellence (INBRE) supports undergraduate student research experience (SRE) in biomedical research. The INBRE programs at the University of Hawai’i at Hilo and Hawai’i Community College work in close partnership with one another to maximize the opportunities available to students. In addition, this partnership provides a pipeline of qualified community college students interested in biomedical careers to four-year institutions such as UH Hilo and UH Manoa.

INBRE provides support for research internships every semester. Funding is provided for research cash awards and laboratory supplies for student participants. There are three internship cycles per year which students can complete single or multiple cycles, contributing to their mentor’s ongoing research. Faculty from diverse biomedical fields mentor students. Students present their work at the JABSOM Biomedical Symposium on Oahu at the end of each spring semester. Upon completion of the SRE, students are required to write a short scientific research paper on their experience and results. Students must be current Hawai’i CC or UH Hilo students maintaining a 2.75 cumulative GPA who have completed at least one year of their program of study. Students or mentors interested in the program should contact their campus coordinator for details.

Additional information on the Student Research Experience can be found here, including an interest form, orientation materials and a research toolkit.

This program is supported by a grant from the National Institute of General Medical Science (2 P20 GM103466) at the National Institutes of Health.

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<th>Dr. Susan Jarvi</th>
<th>Lisa Kaluna</th>
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<td>UH Hilo Campus Coordinator</td>
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<td>Hawai’i CC Campus Co-Coordinator</td>
<td>Instructor, Biological Science</td>
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<td>Department of Math &amp; Natural Sciences</td>
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<td>Department of Pharmaceutical Sciences</td>
<td>Hawai’i Community College</td>
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<tr>
<td>University of Hawai’i at Hilo</td>
<td>Office Phone: (808) 934-2820</td>
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<td>Office Phone: (808) 932-7701</td>
<td>Email: <a href="mailto:lisaadam@hawaii.edu">lisaadam@hawaii.edu</a></td>
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<tr>
<td>Email: <a href="mailto:jarvi@hawaii.edu">jarvi@hawaii.edu</a></td>
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<td>Home</td>
<td>Current SRE students</td>
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<td>Jon Botticelli</td>
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<td>Kayuri Kadoya</td>
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<td>Cori Sutton</td>
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Jon Botticelli

INBRE SRE student Summer 2016- present

Institution: UH Hilo, HawCC alumni

Degree: Bachelors of Science in pre-nursing

Career goals: Complete the UH Hilo Bachelors of Science in Nursing program and work as a hospice nurse.

Mentor: Lisa Kaluna, HawCC

Description of research:
Cases of eosinophilic meningitis, caused by the rat lungworm parasite, have been occurring in east Hawai‘i communities. Infection of humans is likely strongly correlated to the prevalence of the parasitic nematode *Angiostrongylus cantonensis* in slug and snails that humans encounter. The focus of my internship is the quantification of *A. cantonensis* larvae in various slug and snail species on east Hawai‘i Island using molecular genetic techniques.

Description of experience:
My INBRE SRE experience over the summer was exciting and packed full of learning opportunities. I was provided the opportunity to learn many lab techniques with which I was completely unfamiliar. First, I was provided with professional training in Bloodborne Pathogens and Biosafety training. With great care and patience, I was shown how to weigh samples using a highly accurate scale. I was shown, and then asked to perform, pipetting of samples and reagents carefully and accurately. I was shown the proper way to utilize a UV cabinet. I was trained in the preparation and running of PCRs and qPCRs. Perhaps the best part of the experience was the need to use critical thinking to understand the challenges associated with the interpretation of PCR and qPCR results as well as other results that were not anticipated. By the end of summer, I felt that I had acquired the ability to perform some lab functions like a neophyte scientist.

Why would you recommend this program to others?
Although I had attained some experience in lab work through Microbiology and A&P courses, the experience in INBRE was far deeper and broader than course lab work. I can think of no other way that I could have learned as much about what and how a lab functions than through this experience. Real science is performed in the lab, and I felt as if I was “where the action is” as I learned many basic lab rules and techniques. This is a true opportunity, one that will provide skills not available to many undergraduate students.
Dallas Freitas

INBRE SRE student Fall 2016
Institution: UH Hilo
Degree: Bachelors of Arts in Chemistry
Mentor: Dr. Dana-Lynn T. Koomoa
Ashley Fukuchi

INBRE SRE student Spring 2015-present

Institution: UH Hilo

Degree: Bachelors of Art in Chemistry, Minor in Japanese Studies and Biology

Career goals: Medical student, graduate program

Mentor: Dr. Leng Chee Chang, DKICP

Description of research:

Hawaiian Padina australis Hauck and store bought Shirakiku Nishime Kombu, Dried Kelp, and Wakame were extracted using four different methods [18,19,20,21]. Method 2 gave the highest yield of fucoidan by 1H NMR analysis. Cell viability of fucose-containing sulfated polysaccharide (FCSP) from Padina australis Hauck, Shirakiku Nishime Kombu, Dried Kelp, and Wakame were tested against five cancer cell lines (LNCap, PC-3, MCF-7, CaCo-2, LU-1) and evaluated by sulphorhodamine B (SRB) assay. Method 4 yielded FCSPs that inhibited cell viability of certain cancer cell lines. Both standard and extracted FCSPs showed no effects on prostate (LNCaP and PC-3), and breast (MCF-7) cancer cells. However, the standard and Kombu-extracted fucoidan inhibited the proliferation of colon (CaCo-2) and lung (LU-1) cancer cells by 43-74% at concentrations ranging from 50-400 µg/mL. The crude fucoidan of Padina australis was further purified using ion-exchange chromatography, resulting in the highest yield of fucoidan at 2.5 M NaCl concentrations. The FRAP assay was used to determine the antioxidant activity of crude FCSPs obtained. The FRAP value of Nishime Kombu, U-Fn, and Fucoidan Force, were 3.47±0.05, 5.45±0.02, 4.85±0.13 uM/ug, respectively.

Description of experience:

The INBRE program was the most valuable undergraduate research experience I have been a part of at University of Hawai‘i at Hilo. Prior to this program, I never had formal research experience working in lab. After participating INBRE for three semesters, I have learned and gained important natural product laboratory skills such as operation procedures/ of extraction of fucoidan, column chromatography, sample preparation for Nuclear Magnetic Resonance (NMR), and antioxidant assays. Along with technical lab skills, INBRE have also provided opportunities for professional development and presentation skills. Lab experience through INBRE has given me an opportunity to become an independent learner. In addition, I was able to travel to the 2015 NIH IDeA Western Regional Conference at Coeur d'Alene, Idaho and observed projects from other INBRE participants, as well as network with scientists from various states. I am very thankful for the financial, professional, and academic support from the INBRE program.

Why would you recommend this program to others?

INBRE was a wonderful experience as it provides undergraduates an opportunity to receive funding and conduct their own research project. Doing research at an established lab is very different from lab work encountered at undergraduate universities, and allowed me to make lasting connections with professors in higher education. If you have an interest in biomedical research, INBRE would be a great opportunity for any aspiring researcher in the UH system.
# Biomedical Student Research Experiences at UH Hilo and Hawai'i CC

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## Rachel Gristock

INBRE SRE student Fall 2014 - present  
**Institution:** UH Hilo  
**Degree:** Bachelors of Science in Biology: Cell, Molecular & Biomedical Sciences Track  
**Career goals:** The long-term career goal that I am currently focusing on is my aspiration to be a practicing physician. However, I have had such a positive research experience that I hope to continue to participate in the advancement of biomedical research.

**Mentor:** Dr. Aaron Jacobs, DKICP

**Description of research:**  
The primary project I have worked on with Dr. Jacobs is our investigation of the role of a transcription factor and oncogene called c-Myc in JNK-1/2-induced apoptosis.

**Description of experience:**  
Throughout the time that I have worked with Dr. Jacobs, I have learned a tremendous amount about different projects and about research as a whole. I have gained laboratory skills that have aided me in my college courses, and through INBRE I was given the opportunity to actively participate in the research community of Hawai‘i. I have grown so close to everyone who works in the Jacobs/Connelly lab including Chris Wales who has been there every step of the way through my experience. This is so much more than what you get out of a classroom setting because I am able to participate in every step of a project, which is very rewarding.

**Why would you recommend this program to others?**  
One practical reason to look into this program is that working in a lab allows students to develop great laboratory skills that prepare them for many college lab courses. Further than that though, INBRE has provided me with so many amazing opportunities including access to a network of amazing peers and mentors in the scientific community, and actually being able to contribute to that community by presenting our research at the JABSOM Biomedical Symposium on Oahu each spring. Attending the symposiums has also allowed me to improve my response to public speaking through practice, which is one more valuable skill that I will be able to utilize when interviewing for medical school or other job positions. If you are considering this program, definitely go for it. You will be amazed at how much you can learn and accomplish.
Kayuri Kadoya

INBRE SRE student Summer 2016 - present

**Institution:** UH Hilo

**Degree:** Bachelor of Science in Biology

**Career goals:** Cancer research/ Biosynthesis

**Mentor:** Dr. Linda Connelly, DKICP

**Description of research:**
My research project is investigating the role of Osteoprotegerin (OPG) in breast and colon cancer. We are working with human tumor cells to determine whether blocking production of OPG by the tumor cell influences tumor growth and metastasis.

**Description of experience:**
The INBRE Student Research Experience not only enriches your resume but also strengthens your research experience. It is very exciting to be engaged in the actual research that will be published in the future or the part of new medicines development. INBRE gives students a chance to enhance your basic lab techniques under a professionals’ supervision, which later can be applied to your own research. Moreover, you will be awarded for your work.

**Why would you recommend this program to others?**
The experiment you will be involved in through the INBRE program is real world research, which is totally different from a lab classroom setting. I believe most undergraduate students would agree that they can pass a lab class without always knowing exactly what they were doing. With the INBRE, there is no pass or fail, you need to understand the purpose and outcome of the assay, and from there, you can truly experience the joy of the experiment! The INBRE is for the students who want more.
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<td><strong>Kawena Kawely</strong></td>
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INBRE SRE student since Spring 2016  
**Institution:** UH Hilo  
**Degree:** Bachelors of Science in Chemistry: Health Sciences  

**Mentor:** [Dr. Dana-Lynn T. Koomoa](#)
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<td>INBRE SRE student Fall 2016</td>
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<td><strong>Institution:</strong> Hawai‘i CC</td>
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<td><strong>Degree:</strong> Associates in Science in Natural Science, Biological Science Concentration</td>
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<td><strong>Career goals:</strong> Biological engineer in Genetics</td>
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<td><strong>Mentor:</strong> <a href="mailto:dr.daniela.guendisch@hawaii.edu">Dr. Daniela Guendisch</a></td>
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Ashleigh Renaud

INBRE SRE student Summer 2015- present

**Institution:** UH Hilo

**Degree:** Bachelors of Science in Biology: Cell, Molecular & Biomedical Sciences Track  
Bachelors of Arts in Chemistry: Health Sciences

**Career goals:** Lab manager, continue in biomedical research, especially cancer research.

**Mentor:** Dr. Linda Connelly, DKICP

**Description of research:**
During my INBRE internship I worked with Dr. Connelly investigating the role of osteoprotegerin protein (OPG) in breast cancer metastasis. Our findings, that OPG promotes breast cancer metastasis was recently published in the journal Cancer Medicine. Building upon these findings, we have begun investigating OPG in colorectal cancer.

**Description of experience:**
During my time participating in the INBRE program I have worked with Dr. Connelly in conducting breast cancer research. I've had the privilege of collaborating with Dr. Weichhaus and Dr. Tsang Mui Chung here at UH Hilo on this project. Our findings were published in the journal Cancer Medicine and I also presented this research at the JABSOM poster symposium. I've developed invaluable skills for my future career in biomedical research and have enjoyed sharing these skills with other interns in the Connelly lab. Our findings were published in the journal Cancer Medicine and I also presented this research at the JABSOM poster symposium. I've developed invaluable skills for my future career in biomedical research and have enjoyed sharing these skills with other interns in the Connelly lab. I have become proficient in cell culture, Real time PCR, and DNA/RNA collection and purification. I have also been able to assist with the chick embryo metastasis model and look forward to learning more about murine animal models in the future. INBRE has given me the opportunity to learn about scientific techniques in class during the morning and in the afternoon I’m actually hands-on in a laboratory developing these skills. My experience in the Connelly lab with INBRE has allowed me to meet peers interested in similar careers in research as myself, while learning from professionals in my field of interest. This is my last semester before graduation and I hope to gain even more experience with western blot, ELISA, and colorectal cancer research before leaving the lab to attend graduate school.

**Why would you recommend this program to others?**
While participating in the INBRE program I was mentored by accomplished scientists that I know I can turn to for advice and help in my future as a biomedical researcher. I was given incredible opportunities to travel to symposiums and meet other students interested in diverse fields of research. Meeting other INBRE students is a great opportunity to meet peers enthusiastic about careers and future work in science and exchange ideas and encouragement. Often when taking lab courses on campus, I had already developed many of the relevant techniques and skills through my time in the Connelly lab position. It is a great experience to attend class and hear a lecture on ELISA, western blot, or cell culture and realize these are things you are already doing every day in a research laboratory. It has also given me an advantage when applying to graduate school that I can demonstrate lab experience and have co-authored a published paper. I highly recommend any student interested in science and medicine to get involved with the INBRE program. INBRE has been a life changing experience for me that I will benefit from for many years to come. The mentors, peers, and opportunities that INBRE has given me helped me to stay focused, work hard, and make the most of my time as an undergraduate.
Cori Sutton

INBRE SRE student Fall 2016

Institution: UH Manoa

Degree: Biology and Economics

Career goals: Physician

Mentor: Dr. Deborah Taira

Description of research: The relationship between medication adherence and total healthcare expenditures by race/ethnicity in patients with diabetes in Hawai‘i.

Description of experience: The INBRE program has been a great experience for me because it allows me the ability to be both a studious college student and a curious researcher. My health economics research has allowed me to learn combine my two majors (Biology and Economics) that is preparing me for a future career in the healthcare field. I would definitely recommend INBRE to any student who is interested in a science career and helpful research experience.
Bruce Torres Fischer

INBRE SRE student Fall 2016

**Institution:** HawCC

**Degree:** Associates of Science in Natural Science

**Career goals:** Working as a researcher in the lab, possibly in the field of bio-engineering. Within the next five years I see myself in graduate school.

**Mentor:** Lisa Kaluna, HawCC

**Description of research:**
Evaluation of the effectiveness of water catchment filtration systems in capturing *Angiostrongylus cantonensis* larvae. *A. cantonensis* is the nematode responsible for Rat Lungworm Disease.
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<td><strong>Not all alumni are listed. If you are an INBRE SRE alumni and would like to contribute to this page, please email Lisa Kaluna (<a href="mailto:lisaadam@hawaii.edu">lisaadam@hawaii.edu</a>)</strong></td>
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<td>Alexandria Blacksmith</td>
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<td>Yuko Imaizumi</td>
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<td>Karen L. Nishimoto</td>
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Alexandria Blacksmith

INBRE SRE student Fall 2015-Spring 2016
Institution: UH Hilo
Degree: Bachelors of Science in Biology: Cell, Molecular & Biomedical Sciences Track
Career goals: Geneticist working in prenatal screening or cancer research

Mentor: Dr. Susan Jarvi, DKICP

Description of research:
During my time with INBRE, I worked with Dr. Jarvi researching the infection rates of paratenic hosts with rat lungworm disease. Paratenic hosts included some native shellfish, such as Opihi and Pipipi, that are often consumed raw, posing a health threat to humans. The findings of my particular branch of the study, focused in various parts of the island including Kohala, Waimea, Hilo, and Puna, was that the hosts collected had a 0% rate of infection. My contribution was presented at the INBRE Biomedical Symposium on Oahu. The study has continued to include more samples as well as a wider variety of species.

Description of experience:
The time that I was in the lab analyzing samples was by far my favorite part of the program. I learned how to use the more advanced machinery found in an official laboratory that I had not yet had the chance to explore. The knowledge will prove to be very useful in my career, and the problem solving skills that I learned when it comes to scientific hypotheses will be as well. The most daunting part of the research was collecting samples in an unknown area. It took a lot of time for me to find any samples whenever I did build up the courage to wander to find potential collection sites. However, the problems that came with this challenge, among others that I encountered, taught me valuable lessons about how I deal with roadblocks. In addition, the presentation on Oahu was an amazing learning experience. I was able to learn how to convey the specific information of my study that will be helpful in my career.

Why would you recommend this program to others?
For anyone looking at a career in the sciences, especially involved in laboratory work, this is truly an amazing experience. Not only does it give you tangible experience that you can note on your resume for potential employers, but it allows anyone to feel more comfortable working in their field. Learning how to use general equipment is definitely useful for any lab work in the future. Despite the difficulties that I encountered, I still know that this is an invaluable experience for my work and I would recommend it to anyone in a similar situation.
Valerie Balken

INBRE SRE student Spring 2015 - Fall 2015

**Institution:** HawCC  
**Degree:** Associates of Arts in Liberal Arts  
**Career goals:** After completing the necessary steps to become a Certified Nurse Practitioner, to operate a culturally appropriate Health Care Practice on the Big Island of Hawai‘i serving in the Puna District.

**Mentor:** Dr. Leng Chee Chang, DKICP

**Description of research:**
In participation with the INBRE program, and under the direction of Principal Investigator, Dr. Leng Chee Chang, in the Department of Pharmaceutical Sciences, Daniel K. Inouye College of Pharmacy (DKICP), I participated in a project to evaluate the antibacterial properties of crude extracts of the plant *Waltheria Indica* L., known as ‘Uhaloa that use in in Native Hawaiian Healing and Tradition.

Using protocols taught to me by Dr. Chang and her group, I gathered the plant materials, made organic extractions, tea infusions, and then used those extractions and evaluate them in a series of bioassays using different strains of bacteria. These bioassay results were then measured and recorded and compared and presented.

**Description of experience:**
Participating in the INBRE program was the most worthwhile educational experience in my college career so far. I was placed in a research laboratory through the Daniel K. Inouye College of Pharmacy that focused on Natural Products and their composition in regard to pharmaceuticals.

I was placed in a working research environment and given a mentor and a extensive hands on training. My Principal Investigator was both kind and informative, advising me in techniques both in the lab and researching databases and networking with other researchers. I was able to outline my own project, and to design experiments under supervision, to gather and record data. I then learned to compile that data into a scientific poster and present that data to an audience of my peers at the John A. Burns School of Medicine.

I found this to far surpass any of my previous classroom learning as it equipped me with a working knowledge of things only discussed in texts, and opened my understanding to the world of research and it’s many facets.

**Why would you recommend this program to others?**
I wholeheartedly feel as if the INBRE program has positively and irrevocably shaped me as a student, person and community member. The mentorship I received has been invaluable to my growth, and I believe, could potentially do the same for anyone else who participated.
INBRE SRE student Fall 2015- Spring 2016

**Institution:** UH Hilo

**Degree:** Bachelors of Science in Biology: Cell, Molecular & Biomedical Sciences Track with a Chemistry minor

**Career goals:** Complete the UH Hilo Bachelors of Science in Nursing

**Mentor:** Dr. Daniela Guendisch, DKICP

**Description of research:**
Working in Dr. Daniela Guendisch’s lab, we focused on synthesizing potential therapeutics for central nervous diseases such as Alzheimer’s disease, Schizophrenia, and substance use disorders. During my first half in the lab, we synthesized compounds using the hybrid concept in drug development including natural products. The title of my poster for this session was entitled as: “Bupropion hybrids as new central nervous system therapeutics”. For the latter half of my INBRE experience, we evaluated the affinities of the new compounds for nicotinic acetylcholine receptors in radioligand binding assays. The title of my poster for this session was entitled as: “Affinity evaluation of novel nicotinic acetylcholine receptor ligands”.

**Description of experience:**
Prior to participating in the INBRE program, I had little to no experience when it came to working in a lab and conducting research experiments. My only knowledge came from the required laboratory courses for the cell and molecular track. Therefore, it was an enormous struggle for me as I stepped outside of my comfort zone and worked in Dr. Guendisch’s medicinal chemistry research facility. I felt extremely terrified of spilling any chemicals or breaking any glassware. In addition, I initially struggled with the calculations of my reagents. However, Dr. Guendisch was very patient. She always pushed me to try my best and believe in myself. With her guidance and determination, I became confident in my capabilities. In time, I no longer felt scared to work on my own in the lab. As an individual and participant of the INBRE program, I was able to grow both mentally and socially.

**Why would you recommend this program to others?**
The INBRE program was a very beneficial experience for me. As a result, I highly recommend this program to anyone interested in the field of research. There are so many different avenues when it comes to science. Furthermore, there are also many diverse career opportunities that you may not have noticed before. So, by participating in the INBRE program, you get to increase your network and meet a wide range of people of varying academic backgrounds. I have made lifelong friends and mentors from this program. Additionally, you are given the opportunity to expand your critical thinking skills and your knowledge in the world of science. With the INBRE program, you literally have nothing to lose, but everything to gain.
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<th>Yuko Imaizumi</th>
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<td>INBRE SRE student Fall 2014- Summer 2016</td>
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<td><strong>Institution:</strong> HawCC</td>
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<td><strong>Degree:</strong> Associates of Science in Natural Science</td>
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<td><strong>Career goals:</strong> Complete the UH Hilo Doctor of Pharmacy program and become a licensed pharmacist.</td>
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<td><strong>Mentor:</strong> Dr. Linda Connelly, DKICP</td>
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<td><strong>Description of research:</strong> Investigating drug treatments on cancer metastasis using a chick embryo model. Human breast cancer cells or colon cancer cells are seeded on an embryonic chicken’s chorioallantoic membrane and incubated for 5 days. The drug treatment is then injected into embryo and metastasis in the chick’s tissues and primary tumor is measured using molecular genetics.</td>
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Duk Hwan Kim

INBRE SRE student Summer 2016
Institution: UH Hilo
Degree: Bachelors of Science in Biology
Career goals: PhD in Chemistry from UH Manoa

Mentor: Dr. Dianqing Sun, DKICP

Description of research:
Synthetic studies toward the antibacterial diaza-anthracene scaffold via double Knorr cyclization. Explore niche reaction to cyclize acetoanilide into quinolinone in the presence of acid. Investigate the effect of different reaction conditions (such as type of acid) and different anilide substrates on cyclization.

Description of experience:
Having the opportunity to work on a new, unexplored project was challenging but rewarding. Learning how to navigate through the literature to gain insight about the project and troubleshooting any problems that arise was a valuable experience.

Why would you recommend this program to others?
Students who are interested in going into research/graduate school should participate in programs such an INBRE to gain practical experience in conducting research. You will learn variety of skills and technique you can use in your future projects. In addition, you are able to connect with peers in your field who can provide advices not only in your project, but conducting scientific research as a whole.
Karen L. Nishimoto

INBRE SRE student Summer 2012 – Spring 2013

**Institution:** HawCC  
**Degree:** Associates of Science in Liberal Arts  
**Career goals:** I have always wanted to make a difference in someone’s life and becoming a nurse will have a positive impact in our community. Nursing is an ideal field for me because I have a strong interest in science and find myself to be a very compassionate person. I will be graduating May 2017 with a Bachelor of Science in Nursing from UH Hilo. I hope to one day inspire young adults and those returning to school after many years that your dreams can always be fulfilled and that it is never too late.

**Mentor:** Dr. Daniela Guendisch, DKICP

**Description of research:**
My research is translational in nature. A major focus of our research is toward targeted drug therapy and diagnostic tools for central nervous system (CNS) diseases (e.g. Alzheimer’s disease, major depression, addiction). We design and synthesize novel ligands based on natural products and/or using the designed multiple ligand approach. We developed unique compound libraries targeting e.g. different nicotinic acetylcholine receptors as pharmacological tools, potential therapeutics, and for positron emission tomography (PET) and single photon emission computed tomography (SPECT).

**Description of experience:**
My experience with INBRE initially was terrifying because I thought I wasn’t able to do a project of such scale. I was wrong. This was the most exciting, challenging, and rewarding experience of my academic life! I was part of something bigger than myself and that meant so much. The work that I was part of could change the lives of so many people. I worked with some of the most incredible and intelligent people that taught me so much about how chemistry actually works in the real world. I am smiling as I write this because the knowledge they had shared with me was priceless and I am grateful for the opportunity that has been awarded to me.

**Why would you recommend this program to others?**
If you have a drive in you for knowledge than I would recommend this program to anyone who has an interest in biomedical research or anyone who has an interest in science alone. Being able to experience, touch, and see how science is applied in the real world is an opportunity one cannot miss. It’s okay to be scared. The fear will dissipate and excitement will flourish. This is a experience one cannot pass over.
Many UH Hilo faculty from a wide range of biomedical fields from the departments of Pharmaceutical Sciences, Biology and Marine Sciences have served as mentors both UH Hilo and HawCC students. The INBRE campus coordinators assist interns in finding a faculty mentor whose research complements the student’s interest and career goals.

Why mentor students? Dr. Connelly’s response is “When I was an undergraduate student I was able to take part in an internship with a pharmaceutical company. This really helped me to understand the real application of the information I was learning in class and also made me decide to pursue a research career. Now that I have my own lab I am excited to offer students from HawCC and UH Hilo the opportunity to have a similar experience.”

Please contact your campus coordinator if you are willing to mentor an INBRE SRE student.
Biomedical Student Research Experiences at UH Hilo and Hawai‘i CC

Link to video on JABSOM website

[Video from UHMed: Poster Session at The Biomedical Sciences & Health Disparities Symposium on April 22, 2016](http://inbre.jabsom.hawaii.edu/?page_id=436)

Slide show of pictures of UHH/HawCC SRE students at the JABSOM symposium