Summer Research Assistantships (SRAs) are available to students in Brown University’s Program in Liberal Medical Education (PLME) annually on a competitive basis. PLME students who are awarded a SRA receive a stipend of $3,500, and the opportunity to become engaged in a summer research project under the supervision and mentorship of a Brown faculty member.

A faculty mentor must be a faculty member in the Division of Biology and Medicine, School of Public Health, or on clinical faculty to mentor a student for the PLME SRA.

PLME students may secure research opportunities in the following ways:
- Identifying an area of research that is of interest to you, and finding a Brown faculty member conducting research in that field who would be willing to serve as your faculty mentor
- Identifying a Brown faculty member who would be willing to sponsor your own research project
- Reviewing the list of research opportunities in this packet to see if any projects are of interest to you. All the faculty mentors in this packet have indicated that they would be interested in mentoring a PLME student for a SRA from June to August 2018.

The 2018 application instructions, forms, and documents will be posted online in November. For additional information on the SRA, please visit the PLME SRA website:

https://www.brown.edu/academics/medical/plme/current-students/enrichment-activities/research-opportunities/plme-summer-research-assistantship-soc

Dave Barnes
PLME Coordinator
david_barnes@brown.edu
401-863-9790

Judy Jang, MD
Program Director, PLME Summer Research Assistantship
Assistant Dean of Medicine, PLME Advising
judy_jang@brown.edu
## 2018 SRA Biomed Research Opportunities

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Faculty Mentor: Carolina Haass-Koffler

E-mail: carolina_haass-koffler@brown.edu

Proposed SRA Project Title: The student will be involved in the ongoing clinical trial testing stress-induced alcohol drinking

SRA Research Subject Area: Behavioral Science, Clinical Medicine

Are there any necessary requirements for the student to apply? If so, please state:

No really, if the student is a phlebotomist is a plus

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

weekly meetings with the lab and weekly meeting with me.

Department: Psychiatry

Research Location: 121 South Main Street, Providence, RI

Other Comments:
Faculty Mentor: Brandon Marshall

E-mail: brandon_marshall@brown.edu

Proposed SRA Project Title: Responding to the overdose epidemic using real-time data

SRA Research Subject Area: Behavioral Science

Are there any necessary requirements for the student to apply? If so, please state:

An interest in opioid overdose and/or harm reduction

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

My research team has a dedicated full-time staff at 121 South Main St. to orient them to our project, as well as meet with them to establish daily and weekly tasks and skills training for the entire 10 weeks. My office is next to the research team, and I would meet with the student on a weekly basis until the goals of the student are established, at which point the meetings may move to bi-weekly depending on their level of independence. We also have weekly project meetings with myself and the entire research team, where we discuss and establish project deliverables and timelines (e.g. conference deadlines, manuscripts).

Department: Epidemiology

Research Location: 121 South Main Street

Other Comments:
2018 SRA Biomed Research Opportunities

Faculty Mentor: Laura Stroud
E-mail: Laura_Stroud@brown.edu

Proposed SRA Project Title: Prenatal stress/smoking and offspring neurodevelopment

SRA Research Subject Area: Biomedical Science, Behavioral Science, Clinical Medicine

Are there any necessary requirements for the student to apply? If so, please state:
Prior research background and interest in interviewing is ideal

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?
Meet approx biweekly; work and meetings will take place at the Coro building

Department: Psychiatry and Human Behavior, Brown Medical School

Research Location: Coro Building, Knowledge District

Other Comments:
Faculty Mentor: Jasjit S Ahluwalia, MD, MPH, MS

E-mail: jasjit_ahluwalia@brown.edu

Proposed SRA Project Title: African Americans and Smoking cessation

SRA Research Subject Area: Behavioral Science

Are there any necessary requirements for the student to apply? If so, please state:
experience with literature searches, good writing skills

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

Having mentored numerous junior faculty, fellows and students, this is taken seriously. As summer is short, meeting with PLME student 2-3 times a week at School of Public Health office. Outcome might be a manuscript.

Department: SPH - Behavioral and Social Sciences

Research Location: 121 S. Main Street - SPH Building

Other Comments:
Faculty Mentor: Jacob van den Berg

E-mail: jacob_vandenberg@brown.com

Proposed SRA Project Title: Reaching African American and Hispanic/Latino MSM about HIV Prevention

SRA Research Subject Area: Behavioral Science

Are there any necessary requirements for the student to apply? If so, please state:

Students will need to complete an application and submit their resume.

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

Students will be mentored on a weekly basis over the course of the 10-week period at the School of Public Health

Department: Behavioral & Social Sciences

Research Location: School of Public Health

Other Comments: Looking for serious students who are willing to commit to the entire 10-week period.
**Faculty Mentor**: M. Barton Laws

**E-mail**: Michael_Barton_Laws@brown.edu

**Proposed SRA Project Title**: Clinical communication in primary care management of chronic pain

**SRA Research Subject Area**: Behavioral Science, Clinical Medicine

**Are there any necessary requirements for the student to apply? If so, please state:**

**What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?**

Will meet at least weekly, at 121 S. Main St., in a team meeting and individually as indicated.

**Department**: Health Services, Policy and Practice

**Research Location**: 121 South Main St.

**Other Comments**: Possible projects include structured coding of interactions, and qualitative analysis of medical encounters.
Faculty Mentor: Jane Metrik, PhD

E-mail: Jane_Metrik@brown.edu

Proposed SRA Project Title: Biobehavioral mechanisms of marijuana's acute effects on alcohol use

SRA Research Subject Area: Biomedical Science, Behavioral Science, Clinical Medicine

Are there any necessary requirements for the student to apply? If so, please state:

• Strong verbal abilities and communication skills; excellent interpersonal and organizational skills; attention to detail; maturity, and responsibility

• Demonstrated ability to work independently, prioritize tasks, perform multiple tasks efficiently and accurately

• Prior experience with processing of blood specimens is preferred but not required

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

Weekly meetings at the School of Public Health, Center for Alcohol and Addiction Studies.

Department: Center for Alcohol and Addiction Studies, Behavioral and Social Sciences, School of Public Health

Research Location: Center for Alcohol and Addiction Studies, School of Public Health

Other Comments: Opportunity to work on an NIH-funded clinical trial in a human behavioral pharmacology laboratory on drug administration research
Faculty Mentor: Wael Asaad MD, PhD

E-mail: wael_asaad@brown.edu

Proposed SRA Project Title: Human Neurophysiology and Neuromodulation

SRA Research Subject Area: Biomedical Science, Clinical Medicine

Are there any necessary requirements for the student to apply? If so, please state:

Experience coding in Matlab, Python, C++ or Swift, or experience analyzing neuro-imaging in AFNI or Freesurfer - or a confident readiness to learn some of these things, is very helpful.

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

About once per week in the lab, plus additional small group meetings

Department: Neurosurgery

Research Location: Rhode Island Hospital / Aldrich

Other Comments:
Faculty Mentor: Elizabeth Goldberg

E-mail: elizabeth_goldberg@brown.edu

Proposed SRA Project Title: Emergency Medicine Providers' Acceptance of a Multidisciplinary in-Emergency Department Fall Prevention Intervention for Older Adults: A Qualitative Study

SRA Research Subject Area: Clinical Medicine

Are there any necessary requirements for the student to apply? If so, please state:

Excellent writing skills, ability to function independently, comfort with interviewing patients and physicians in a clinical setting, qualitative interview and analysis experience is preferred

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

We will meet weekly at the Emergency Department offices to evaluate progress, answer questions, and plan the study analysis

Department: Emergency Department

Research Location: Emergency Department and associated emergency department administrative offices

Other Comments:
2018 SRA Biomed Research Opportunities

Faculty Mentor: Alexandra Deaconescu
E-mail: alexandra_deaconescu@brown.edu

Proposed SRA Project Title: Structural Studies of the Interplay Between Transcription, Replication and Repair

SRA Research Subject Area: Biomedical Science

Are there any necessary requirements for the student to apply? If so, please state:

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

2 scheduled meetings/week + informal interaction at the bench

Department: MCB
Research Location: 70 Ship St

Other Comments:
Faculty Mentor: Patricia R. Recupero, JD, MD

E-mail: Patricia_Recupero@Brown.edu

Proposed SRA Project Title: A Study of the Use of Websites in Forensic Psychiatry and Telepsychiatry

SRA Research Subject Area: Clinical Medicine

Are there any necessary requirements for the student to apply? If so, please state:

No

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

I will meet with the student on a daily basis and review and direct the work. The work will involve the collection and tabulation of data from internet research. It will also involve studying and integrating legal cases and principles as well as the principles of medical ethics. We will have a work group working on this project; input from other forensic psychiatrists will be involved.

Department: Psychiatry and Human Behavior

Research Location: Butler Hospital

Other Comments:
Faculty Mentor: David Gifford

E-mail: David_Gifford@brown.edu

Proposed SRA Project Title: Fall prevention in nursing homes: are regulator efforts sufficient?

SRA Research Subject Area: Clinical Medicine

Are there any necessary requirements for the student to apply? If so, please state:

none

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

will meet at least twice weekly by video conf call and regularly through email. Will meet at least twice face to face at beginning of project and during the project.

Department: Medicine

Research Location: Remote work from home (my office located Washington DC)

Other Comments: Falls in the elderly in nursing homes is on of the most common adverse events leading to increased disability, hospitalization and mortality. Nursing homes are inspected annually for compliance with regulations about fall prevention. Approximately a third of all SNFs in the US are cited annually for falls. Many use bed or chair alarms to prevent falls; however, the literature is scant on their effectiveness and suggests they may increase falls. There are several good evidence based reviews on effective fall prevention strategies in nursing homes. This project will review citations given to nursing homes about fall prevention and focus on compliance with evidence based recommendations, with a particular focus on the inappropriate use of bed/chair alarms. The student will be expected to review the literature, develop a chart abstraction tool and then review at least 150 to 200 citations. they will also be expected to participate in the analytic design and interpretation of results but a data analyst will be available to conduct all statistical program and data base management.
Faculty Mentor: David Egilman

E-mail: degilman@egilman.com

Proposed SRA Project Title: Corporate corruption of science

SRA Research Subject Area: Biomedical Science, Clinical Medicine

Are there any necessary requirements for the student to apply? If so, please state:

writing skills

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

The student will work in my office. We will meet daily.

Department: Family Medicine

Research Location: 8 North Main St. Attleboro mass 02703

Other Comments: This will involve reading corporate study documents, depositions and emails and creating a narrative account for publication in a medical journal.

An example can be found here: What have we learnt from Vioxx?https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1
Faculty Mentor: Ruhul Abid, MD, PhD

E-mail: Ruhul_Abid@brown.edu

Proposed SRA Project Title: Sub-cellular targeting of endothelial oxidants in myocardial ischemia

SRA Research Subject Area: Biomedical Science

Are there any necessary requirements for the student to apply? If so, please state:

Interests in cardiovascular medicine, surgery or research.

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

I will meet the students at least two times a week, in my laboratory

Department: Cardiothoracic Surgery, Surgery, Rhode Island Hospital

Research Location: 1 Hoppin St, Coro West 5.231, Providence, RI 02903

Other Comments: Research/work opportunities for global health for the underserved population at international locations are also available.
Faculty Mentor: Ruhul Abid, MD, PhD

E-mail: Ruhul_Abid@brown.edu

Proposed SRA Project Title: Disease Burden Analysis Among Underserved Population in Bangladesh

SRA Research Subject Area: Clinical Medicine

Are there any necessary requirements for the student to apply? If so, please state:

Previous experience to work at international settings preferred, but not necessary.

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

I will be in contact with the student two times a week via phone and Skype. During the course of study, I will meet the student once at the international site. The student will work with and meet the international mentor and supervisor (a Professor) 5 days per week.

Department: Brown University Global Health Initiative

Research Location: Dhaka, Bangladesh

Other Comments: Previously one PLME student in 2014, one medical student in 2016, and several undergraduate students in 2016 worked in Bangladesh at BRAC University, ICDDR,B and Child Health Awareness Foundation sites.
Faculty Mentor: Jennifer Sanders

E-mail: Jennifer_Sanders@brown.edu

Proposed SRA Project Title: Nutrient Regulation of Fetal Somatic Growth

SRA Research Subject Area: Biomedical Science

Are there any necessary requirements for the student to apply? If so, please state:

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

Weekly individual meeting as well as weekly laboratory meeting

Department: Pediatrics

Research Location: Rhode Island Hospital

Other Comments:
Faculty Mentor: Eli Adashi

E-mail: eli_adashi@brown.edu

Proposed SRA Project Title: The Vaginal Microbiome: Implications to the Diagnosis and Management of Vaginitis

SRA Research Subject Area: Biomedical Science

Are there any necessary requirements for the student to apply? If so, please state:

Quantitative skills

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

As needed

Department: Obstetrics and Gynecology

Research Location: Campus

Other Comments: NA
Faculty Mentor: Dioscaris Garcia

E-mail: dioscaris_garcia@gmail.com

Proposed SRA Project Title: Investigating the Role of Serratia Marcescens in Chronic Spinal Wounds

SRA Research Subject Area: Biomedical Science

Are there any necessary requirements for the student to apply? If so, please state:

Knowledge of microbiology, organic chemistry, and previous laboratory experience in aseptic technique and culture.

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

Our laboratory meets once a week with at least one other personal meeting with each student. Students are paired with a senior lab member, and trained hands-on on their respective project until student feels comfortable working alone. Students are required to present in lab, as well as in local and national meetings.

Department: Orthopaedics

Research Location: CORO Building

Other Comments: We currently have one PLME student (Geronimo Garcia) who intends on staying in the laboratory during the summer. We feel Geronimo is a great candidate for funding. Geronimo will pursue an honors’ thesis in his current study on Serratia marcescens.
Faculty Mentor: Abdullah Chahin
E-mail: abdullah_chahin@bown.edu

Proposed SRA Project Title: A clinical scoring system to predict 180 day survival of patients with Chronic Critical Illness Syndrome

SRA Research Subject Area: Clinical Medicine

Are there any necessary requirements for the student to apply? If so, please state:
No requirement. Knowing SQL is a plus.

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?
several times in the first week, then weekly in the conference room at the department of Medicine at MHRI

Department: Dept. of Medicine
Research Location: Memorial Hospital of Rhode Island

Other Comments: This is a big data research, using secondary analysis of EHR data from critical care units around the USA.
Faculty Mentor: Jisu Li

E-mail: ji_su_li_md@brown.edu

Proposed SRA Project Title: Compare infectivity of hepatitis B virus genotypes in cell culture models

SRA Research Subject Area: Biomedical Science

Are there any necessary requirements for the student to apply? If so, please state:

Prior research experience is required.

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

will meet student daily in the lab.

Department: Medicine

Research Location: Liver Research Center, Rhode Island Hospital, 55 Claverick ST. Providence, RI 02903

Other Comments:
Faculty Mentor: Jessica Plavicki

E-mail: jessica_plavicki@brown.edu

Proposed SRA Project Title: sox9b function in great vessel development

SRA Research Subject Area: Biomedical Science

Are there any necessary requirements for the student to apply? If so, please state:

Must complete Brown University Animal and biosafety training as well as online training to participate in lab research

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

Weekly meetings in my office, which is on the same floor as the lab. In addition, we will have weekly group lab meetings.

Department: Pathology & Laboratory Medicine

Research Location: 70 Ship Street, Laboratories for Molecular Medicine

Other Comments:
Faculty Mentor: Mary Flynn

E-mail: Mary_Flynn@brown.edu

Proposed SRA Project Title: Food is Medicine

SRA Research Subject Area: Clinical Medicine

Are there any necessary requirements for the student to apply? If so, please state:

completion of BI 3 - Principles of Nutrition

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

Meetings at least once per week, plus emails and phone conversation. Meeting will be at Lifespan Community Health Institute, 335R Prairie Ave, Providence, where program will take place.

Department: BioMed, Brown. Medicine, TMH

Research Location: Lifespan Community Health Institute, 335R Prairie Ave, Providence

Other Comments: This research will involve delivering a 6-week plant-based, olive oil cooking program to low-income clients. Students will learn how to provide simple, practical nutrition information.
Faculty Mentor: Jun Feng

E-mail: jfeng@lifespan.org

Proposed SRA Project Title: Diabetic Regulation of SK/IK Channels and Endothelial Function

SRA Research Subject Area: Biomedical Science, Clinical Medicine

Are there any necessary requirements for the student to apply? If so, please state:

no

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

Twice a week

Department: Surgery

Research Location: Coro Wesr Building, CVRC, RIH

Other Comments:
Faculty Mentor: Anny Usheva

E-mail: anny_usheva@brown.edu

Proposed SRA Project Title: Pig model of metabolic syndrome uncovers cardiac effects on metabolism, gene transcription, and cell signaling.

SRA Research Subject Area: Biomedical Science, Clinical Medicine

Are there any necessary requirements for the student to apply? If so, please state:

- wish to learn novel analytical and computational approaches related to the cardiac function and human health;
- be part in a dedicated team of experienced researchers;
- participate in poster presentations and manuscripts writing and publishing

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

- I personally introduce the basic research methodology to the students;
- discuss results on a daily base in the laboratory at the bench;
- introduce the state of the art metabolomics, transcriptomics and proteomics strategies together with bioinformatics approaches;
- let the student work on a small project that will be presented as a poster at the Department of Surgery Research Day and American Heart Association meeting.

Department: Surgery

Research Location: 1 Hoppin St CORO WEST, 5.230

Other Comments:
Faculty Mentor: Audrey Tyrka, MD, PhD

E-mail: Audrey_Tyrka@Brown.edu

Proposed SRA Project Title: Biological Effects of Childhood Stress and Trauma

SRA Research Subject Area: Biomedical Science, Behavioral Science

Are there any necessary requirements for the student to apply? If so, please state:

No

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

Weekly, Butler Hospital

Department: Psychiatry and Human Behavior

Research Location: Butler Hospital; A one week research day camp in Exeter RI

Other Comments: The student would take on a role in our one-week summer day camp studying childhood adversity. The camp will be either the week of July 30th or August 6th. Preparation for the camp, post-camp activities, as well as related research opportunities with a study of adults with childhood adversity are available.
Faculty Mentor: Valery Danilack

E-mail: valery_danilack@brown.edu

Proposed SRA Project Title: Patient and provider preferences and experiences with labor induction

SRA Research Subject Area: Clinical Medicine

Are there any necessary requirements for the student to apply? If so, please state:

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

The student will work at Women & Infants Hospital and we will have weekly meetings.

Department: Obstetrics and Gynecology, Epidemiology

Research Location: Women & Infants Hospital - 90 Plain Street

Other Comments:
Faculty Mentor: Sean Monaghan

E-mail: smonaghan@lifespan.org

Proposed SRA Project Title: Alternative RNA Splicing in Critically Ill Humans

SRA Research Subject Area: Biomedical Science, Clinical Medicine

Are there any necessary requirements for the student to apply? If so, please state:

Advanced Computational Biology Experience

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

Would meet with student weekly in my office on the hospital campus and additionally as needed. Project would involve mostly computational biology approaches. Would work closely with collaborator (Fairbrother) on Ship Street.

Department: Surgery

Research Location: Rhode Island Hospital with collaboration on Ship Street

Other Comments:
Faculty Mentor: Hale Wills, MD MS

E-mail: hale_wills@brown.edu

Proposed SRA Project Title: Pediatric Surgery Research (Trauma, Opioid Reduction in Surgery/Trauma, Quality Improvement)

SRA Research Subject Area: Clinical Medicine

Are there any necessary requirements for the student to apply? If so, please state:

Interest in pediatrics, pediatric surgery, pediatric trauma, clinical quality improvement.

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

Weekly to every other week as appropriate, my office on the medical campus of Rhode Island Hospital, Wednesday - Friday.

Department: Division of Pediatric Surgery, Department of Surgery

Research Location: Hasbro Children's Hospital

Other Comments: I am currently mentoring several Brown medical students in various clinical research projects related to trauma, pain management, and pediatric general surgery. My goal is to incorporate students into the complete research process from concept, through IRB approval, data collection, and presentation/publication.
Faculty Mentor: Aristides I. Cruz, Jr. MD, MBA

E-mail: aristides_cruz@brown.edu

Proposed SRA Project Title: Parental expectations from treatment of pediatric forearm fractures

SRA Research Subject Area: Clinical Medicine

Are there any necessary requirements for the student to apply? If so, please state:

None

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

Will plan to meet with student biweekly (approximately 5 times over 10 week summer assistantship). Project will benefit from shadowing in clinic to recruit patients/parents for study inclusion.

Department: Orthopaedics

Research Location: 2 Dudley St, Ste 200, Providence, RI

Other Comments:
Faculty Mentor: Timothy Y Tran

E-mail: timothy.y.tran@gmail.com

Proposed SRA Project Title: Utilization of Metabolic Workup at VA Hospitals

SRA Research Subject Area: Clinical Medicine

Are there any necessary requirements for the student to apply? If so, please state: No

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

Weekly meetings at the hospital

Department: Urology

Research Location: Providence VA Hospital (830 Chalkstone Avenue)

Other Comments:
Faculty Mentor: Elizabeth McQuaid, PhD, ABPP

E-mail: Elizabeth_McQuaid@brown.edu

Proposed SRA Project Title: Electronic Cigarettes in Youth with Asthma

SRA Research Subject Area: Behavioral Science

Are there any necessary requirements for the student to apply? If so, please state:

Concentration in psychology, biological sciences, or public health. Completion of research methods and introductory statistics course preferred. Strong organizational and time management skills, excellent attention to detail, a thorough working knowledge of MS Office applications, comfort and experience interacting with children and parents.

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

The intern will meet with the primary faculty mentor, Dr. McQuaid, regularly to develop an individual research project and to review progress with relevant literature review and data processing, and to synthesize this information within the context of the larger study. Dr. Tackett (postdoctoral fellow, Department of Psychiatry and Human Behavior) will serve as a secondary mentor, providing day-to-day training and supervision of activities.

Department: Department of Psychiatry and Human Behavior

Research Location: Bradley Hasbro Research Center, RI Hospital

Other Comments: Working within the Childhood Asthma Research lab, the research student will meet and interact with an interdisciplinary team of pediatric asthma researchers, including clinical psychologists, asthma specialists, as well as other trainees in these areas. Interns will have the opportunity to assist with research participant recruitment and scheduling, orienting families to research protocols and conducting research visits, data entry, lab organization, and other tasks integral to research.
Faculty Mentor: Mari Mori  
E-mail: mari_mori@brown.edu  

Proposed SRA Project Title: Identification of Gene Pathway involved in Phenotype modification of Pompe Disease  

SRA Research Subject Area: Biomedical Science  

Are there any necessary requirements for the student to apply? If so, please state:  
Student will need a computer to access data on the Brown computer server  

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?  
Weekly  

Department: Pediatrics  

Research Location: 2 Dudley Street #460  

Other Comments: The student project will consist of literature review, data analysis and manuscript preparation.
**Faculty Mentor:** Jack Rusley

**E-mail:** jack_rusley@brown.edu

**Proposed SRA Project Title:** Why do some “make it” to adult care, while others do not? A qualitative study of post-transition young adults with HIV in Providence and Boston.

**SRA Research Subject Area:** Behavioral Science

**Are there any necessary requirements for the student to apply? If so, please state:**

Must be comfortable talking to young adults in person and over the phone.

**What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?**

Weekly meetings in Potter building (RIH campus)

**Department:** Adolescent Medicine

**Research Location:** Providence, generally RIH, Coro Building, and Miriam Hospital area

**Other Comments:** RA will engaged in the following tasks, and potentially others that are needed: 1) recruitment of participants, including phone/email/text outreach, 2) interviewing participants using an interview guide, which RA will be trained to use, 3) transcribing interview audio files, and 4) participating in research meetings and manuscript preparation. A primary goal of the SRA would be for the student to obtain authorship on a publication.
Faculty Mentor: Albert Woo, MD

E-mail: Albert.Woo@lifespan.org

Proposed SRA Project Title: Evaluation of Craniofacial Deformities Utilizing 3D Imaging

SRA Research Subject Area: Clinical Medicine

Are there any necessary requirements for the student to apply? If so, please state:

Students should be committed to working full time during the 10 week period. Familiarity with statistical analyses of clinical data would be beneficial. No previous experience with clinical imaging is necessary.

What is your plan for mentoring a student researcher (i.e., how often you will meet with the student, when, where)?

The student will meet with me initially to finalize the specifics of the research plan. He/she will be expected to conduct a literature search of the topic material. Given the short time allotted, IRB approval will have been received prior to the student starting. However, CITI training and certification with the IRB will be necessary to be involved on any research level.

I will be meeting with the lab on a weekly basis (at a minimum). I will be available to address any questions or issues that cannot be managed by our research coordinator, who will be present full time in the lab setting.

Students will be expected to complete the project during the allotted time and submit an abstract to a national meeting. If accepted, they will be asked to present their research on a national level and also to submit a research paper for publication of their work. All necessary assistance will be provided to bring each project to fruition.

Department: Surgery - Plastic Surgery

Research Location: RIH, MOC 180

Other Comments: