



# UAB Medical Student Summer Research Programs

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[www.uab.edu/medicine/physci](http://www.uab.edu/medicine/physci)

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# UASOM research experiences



# Physician Scientist Development Office (PSDO)



## Physician Scientist Development Office

- <http://www.uab.edu/medicine/physci/medical-students>

## Medical Student Summer Research Opportunities at UAB: Single PSDO Application Due March 6, 2017)

- CCTS Comparative Effectiveness and Patient-Centered Outcomes Research (10 slots)
- Koopman Medical Student Research Excellence Award (Medicine) (3 slots)
- Functional Neurorehabilitation Research Opportunities (Physical Medicine and Rehabilitation)(2)
- Department of Surgery Summer Research Program
- Diabetes Research Center Summer Research Fellowship (6 slots)
- O'Brien Center for Research in Nephrologic and Urologic Diseases Fellowship (5 slots)
- Short-term Research Training Program (SRTP) (30 slots)

## Medical Student Summer Research Opportunities at UAB: Individual Application

- Cancer Research Experiences for Students (CaRES)
- Russell Cunningham Memorial Research Program (Pediatrics)(Application Due January 31, 2017)

## Medical Student Summer Clinical Opportunities at UAB

- Summer Genetics Scholar Program (Application Due January 29, 2017)

# How to apply (Common Application)

- Select a faculty sponsor
- With the help of your sponsor, draft a project proposal
- Complete the online application
  - Demographic Information
    - Name, address, GPA, MCAT
  - Brief description of any previous research experience
  - Resume (as a PDF)
  - Summer Project Title, type of research
  - Mentor name, department, contact information
  - Project Proposal

# Required Project Proposal

- Research Interests and Career Goals (limited 1 page)
  - What type of research are you interested in
  - What are your ultimate career goals
    - How does research fit in with these career goals
- Research Project Proposal (2-5 pages)
  - Introduction
    - Background information relevant to your project
  - Project Objectives and Hypothesis
  - Methods/Approach
- Literature Cited (3-5 relevant papers)
- Project Proposal: 3-6 pages



**Center for Clinical and  
Translational Science (CCTS)  
Comparative Effectiveness  
and Patient-Centered  
Outcomes Research (CER/PCOR)  
Summer Research Program**

Director: Kenneth Saag, MD, MSc  
Program Administrator: Ryan Outman

Questions? Email: [ccts@uab.edu](mailto:ccts@uab.edu)  
[www.uab.edu/ccts](http://www.uab.edu/ccts)



# CCTS Summer Research Program

## *Overview*

- 8-week full-time mentored-research experience in CER/PCOR
- Primary pool of 35 senior mentors to oversee mentored-research experience
- Research related to various diseases and patient populations
- Past outcomes for trainees
  - Abstracts and presentations at conferences
  - Manuscripts
  - Continued research experience as part of future scholarly activities



# CCTS Summer Research Program

## *Training Activities*

- Research experience supplemented with weekly seminars/workshops combined with AHRQ-funded T32 pre-doctoral and postdoctoral fellows for expanded learning community

Week 1: Orientation, How to be a mentee? Developing an IDP	Week 5: Team Science
Week 2: Introduction to CER/PCOR	Week 6: Stats 101
Week 3: CER/PCOR Study Design 101	Week 7: Community/Stakeholder Engagement in PCOR
Week 4: Information Finding and Evaluation of CER/PCOR Literature	Week 8: Trainee Presentations

- Mock Study Section that provides overview of NIH study section's goals and processes and reviews grant application



# CCTS Summer Research Program

## *Example Projects*

LIVE WELL: Barriers to Weight Loss Interventions in Primary Care (Mentor: Dutton)

Association between regular aspirin (ASA) use and long-term rates of sepsis (Mentor: Wang)

Time on Dialysis and Kidney Transplant Survival: A diminishing benefit? (Mentor: Locke)

Do the Outcomes of Indicated Preterm Deliveries Differ by the Indication? (Mentor: Harper)

Corticosteroid Dosing for Acute Exacerbations of COPD (Mentor: Wells)



**First row:** Michelle Wang (UAB), Macie Enman (UAB), JoAnn Hsu (UAB), Allie Khodadadi (UAB); Carolyn Ellison (Auburn); Ken Saag (UAB); **Second row:** Alexandra Onyiego (Tulane); Chris Wren (Auburn); Kevin Cofer (UAB); Burke Smith (UAB); Christian Smith (UAB); David Chaplin (UAB); **Not pictured:** Robert Wood (Tulane); Mallory Youngstrom (UAB)



# Questions?

Contact Ryan Outman

[routman@uab.edu](mailto:routman@uab.edu) or 205.996.9672

Want to know the latest? Visit the website to join the CCTS

[uab.edu/ccts](http://uab.edu/ccts)



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# 2017 Koopman Medical Student Research Excellence Award

- In honor of Distinguished Professor and Chairman Emeritus of the DOM William J. Koopman, MD.
- Dr. Koopman's insights into rheumatoid arthritis inspired novel treatments still being used today. His distinguished research career is a model and inspiration for young investigators.
- This prestigious award is for medical students with a **passion for research and making a lasting impact.**



William J. Koopman, MD



# Applicant Criteria



- First year medical students with an interest in medical or health-related research are encouraged to apply for this **8 week summer internship program** with a research mentor who has a primary appointment in the DOM.
- The project will be conducted during the summer between the MS1 and MS2 years.

*Koopman Medical Student Research Excellence Award*

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# Application Process



- Select a **faculty sponsor** with a primary or secondary appointment in the DOM
- With sponsor, outline a **research project**
- Apply with the **common application form by March 6, 2017 (5pm)**  
<http://www.uab.edu/medicine/mssrp/application/2016-application>
- **Research Proposal:** Follow the common Summer Research Project Proposal guidelines
- Koopman-specific: **Interviews** for competitive applicants (March)

*Koopman Medical Student Research Excellence Award*

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# Successful Applicants



- Awards will be given annually to **three** outstanding medical students in the DOM.
- Includes a stipend of **\$4,000** over the course of the 8 week summer training
- Awardees will also be provided with a **\$1,500 travel allowance**
- Awardees will present a poster at the **DOM Trainee Research Symposium** and a **brief talk at the DOM Clinical Research Seminar** in Spring the following year (2018)
- **Career peer mentoring** provided by former Koopman Scholars

*Koopman Medical Student Research Excellence Award*

# Prior Awardees



## 2014

### **Kristin Olson**

Christina Muzny, MD  
Infectious Diseases

### **Ynhi Thai**

Andrea Cherrington, MD  
Preventive Medicine

### **Timothy Fernandez**

Eric Sorscher, MD  
Hematology & Oncology

## 2015

### **Kelsey Real**

Kellie Flood, MD  
Gerontology/Geriatrics/Palliative Care

### **Koushik Kasanagottu**

Monika Safford, MD  
Preventive Medicine

### **Salmaan Kamal**

Stefan Kertesz, MD, MSc  
Preventive Medicine

## 2016

### **Stephanie Donaldson**

Suzanne Oparil, MD  
Cardiovascular Disease

### **Joshua Jackson**

Jessy DeShane, PhD  
Pulmonary/Allergy/Critical Care

### **Benjamin Smood**

Palaniappan Sethu, PhD  
Cardiovascular Disease

*Koopman Medical Student Research Excellence Award*

# Questions?

## Contact us:



Jennifer Pollock Ph.D. - [jenniferpollock@uabmc.edu](mailto:jenniferpollock@uabmc.edu)

Chad Hunter Ph.D. - [chadhunter@uabmc.edu](mailto:chadhunter@uabmc.edu)

*Koopman Medical Student Research Excellence Award*

# **Functional Neurorehabilitation Research Opportunities for UAB Medical Students**

Victor Mark, MD  
*[vwmark@uabmc.edu](mailto:vwmark@uabmc.edu)*  
934-3499

- **FNR Scholars Program**

Rationale:

- Increase awareness of the field of PM&R and physiatrists among UAB Medical Students.
- Support School of Medicine educational mission—scholarly activity and student research
- Mentor next-generation of leaders in the field, including physician-scientists.

## Approach and Timeline

- Provide stipend for UAB 1<sup>st</sup> year Medical Students to conduct a summer research project mentored by PM&R faculty: **(\$4,000 stipend + \$1,000 travel funds for conference presentation = \$5,000/ medical student).**
- Students will apply to FNR Scholars Program, and PM&R faculty will evaluate applications, awarding most meritorious.
- Up to two awards will be made for summer 2017 (announce by March 20, 2017)
- Present at MSRD

# RREMS option

- “Rehabilitation Research Experience for Medical Students” = RREMS scholarship program
- National program, similar mechanism to UAB PM&R
- Sponsored by the Association of Academic Physiatrists
- UAB PM&R Dept participates annually
- 8-week summertime research
- \$4000 stipend
- Deadline for submissions February 1, 2017
- Present findings at annual national meeting Feb 2018
- [http://www.physiatry.org/?page=RREMS\\_students](http://www.physiatry.org/?page=RREMS_students)

# RREMS option

- Students can apply to either PM&R research program or RREMS national program, or both; however, student can only be awarded from one of the programs (the student may select which one). Note different deadlines for submitting to the different programs.
- Note difference between the programs:
- PM&R scholarship program is only for neurologic rehabilitation topics
- RREMS scholarship, in contrast, applies to any rehabilitation research topics

# Potential kinds of research projects

- Join on-going research by mentor
- Student-initiated research (must be approved by mentor)
- Database or chart review
- Clinical study proposed by clinical faculty member, with secondary mentorship by research faculty member, OR
- Research study proposed by research faculty member, with secondary mentorship by clinical faculty member
- The following do not qualify: literature review, case report

# Current faculty research topics for Scholarly Projects

- Yuying Chen, MD, PhD ([yuyingchen@uabmc.edu](mailto:yuyingchen@uabmc.edu))
  - Spinal cord injury: secondary data analysis, weight control
- Candace Floyd, PhD ([clfloyd@uab.edu](mailto:clfloyd@uab.edu))
  - Rodent models of spinal cord or traumatic brain injury, pain control, nerve regeneration
- Keneshia Kirksey, MD ([kmkirksey@uabmc.edu](mailto:kmkirksey@uabmc.edu))
  - Falls in lumbar stenosis, control of neuropathic pain
- Amy Knight, PhD ([ajk@uab.edu](mailto:ajk@uab.edu))
  - Brain metabolic changes in acute medical trauma

# Current faculty research topics for Scholarly Projects

- Victor Mark, MD ([vwmark@uabmc.edu](mailto:vwmark@uabmc.edu))
  - Cognitive effects on neurorehabilitation, visual attention and language effects on recovery
- Amie McLain, MD ([ajackson@uabmc.edu](mailto:ajackson@uabmc.edu))
  - Women's reproductive and gynecological topics in spinal cord injury
- Danielle Powell, MD ([daniellepowell@uabmc.edu](mailto:daniellepowell@uabmc.edu))
  - Obesity in spinal cord injury; spina bifida needs in adults
- Ceren Yarar-Fisher, PT PhD ([cyarar@uab.edu](mailto:cyarar@uab.edu))
  - Skeletal muscle physiology in spinal cord injury, influence of ketogenic diet on neurologic recovery
- Xiaohua Zhou, MD ([zhou@uab.edu](mailto:zhou@uab.edu))
  - Swallowing management in stroke; bladder training in stroke

# ***UAB Department of Surgery***

## ***Summer Research for Medical Students***

Program Director: Herbert Chen, MD

Program Administrator: Kristi Herritz



# Department of Surgery – Summer Research Overview

- 8-10 week full-time research experience
- Supplemented with:
  - Surgery-specific seminars
  - Clinic/OR observations
- Opportunities in variety of surgical diseases
- Opportunities for abstracts/manuscripts
- Opportunities for team projects (undergrads, h.s.)



# Example Projects

- Basic Science
  - Stress on neonatal immune response (Dr. Martin)
  - Mechanisms of action of Roux-en-Y gastric bypass (Dr. Grams)
- Translational
  - Xenotransplantation (Dr. Eckhoff)
  - Drug target characterization (Dr. Bibb)



# Example Projects

- Outcomes
  - Recovery of elderly patients after surgery (Dr. Balentine)
  - Attentiveness of post-op care contributing to disparities (Dr. Kennedy/Dr. Richman)



# How to Apply

- Find a mentor/project
  - <https://www.uab.edu/medicine/surgery/education/medical-students> - mentors already volunteering
  - <https://www.uab.edu/medicine/surgery> - peruse profiles
  - Contact Kristi Herritz ([kherritz1@uabmc.edu](mailto:kherritz1@uabmc.edu)) with ??s
- Apply through MSSRP Common Application by March 6

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**Choose the program(s) you are applying for. You may apply to more than one.**

CCTS Comparative Effectiveness and Patient-Centered Outcomes Research (CER/PCOR) TL1 Summer Research Program (NIH/NCATS)

Department of Internal Medicine Koopman Medical Student Research Excellence Award

Department of Physical Medicine and Rehabilitation Functional Neurorehabilitation Research Program

Department of Surgery Summer Research Program

Diabetes Research Center Summer Research Fellowship (NIH/NIDDK)

O'Brien Center Summer Research Program (NIH/NIDDK) (Kidney-related research)

Short-term Research Training Program (SRTP) (NIH/NHLBI T35) (all types of research)

**Choose the appointment period you are applying for: (\*)**

DF

# Contact Us

- Kristi Herritz, Program Administrator
  - [kherritz1@uabmc.edu](mailto:kherritz1@uabmc.edu)
- Herb Chen, Program Director
  - [hchen@uabmc.edu](mailto:hchen@uabmc.edu)

# Diabetes Research Center Summer Research Fellowship

- Fellowships for 6 students
- ~\$3600/8-week (can do additional weeks)
- Full-time hands-on research
  - Diabetes
  - Obesity
- Required participation in MSRD
- Required training in responsible conduct of research
- Required presentation at Vanderbilt (Nashville, TN) at the end of the summer
- Tim Garvey ([garveyt@uab.edu](mailto:garveyt@uab.edu)) or Eva Gilliam ([evamarie@uab.edu](mailto:evamarie@uab.edu))

# O'Brien Center Summer Research Program

- Research in kidney disease
- 8-10 week full-time mentored research experience
- 80% time spent in laboratory
- 20% time leading about clinical and translational research
- Required training in responsible conduct of research
- Contact: Dr. Anupam Agarwal (agarwal@uab.edu)

# NIH T35 Short-Term Research Training Program (SRTTP)

- Funded since 1980 by the National Heart, Lung, and Blood Institute (NIH) through their Short Term Training for Health Professionals Schools T35 Program
- The goal of this training program is to introduce medical students to the principles of scientific experimentation, the proper methods of data analysis, and the interpretation and application of research results.
- Priority given to projects in NHLBI's area of interest (but any research focus can be funded)
  - Cardiovascular
  - Pulmonary
  - Blood
  - Sleep
- Required training in responsible conduct of research
- Additional workshops on poster presentations and how to communicate your research

# Logistics: SRTP

- Full time research (40+ hours) for 8 or 10 weeks in a laboratory at UAB
  - June-July
- Stipend of ~\$1948/month
- Required to present at Medical Student Research Day
- Applications Due by March 6 of your MS1 year
- Can work with any faculty member in any department at UAB

# FAQ: SRTP Program

- Can I do part-time research?
  - No, you are required to do research full-time (40 hours/week)
- Can I be an Orientation Leader for incoming MS1 SOM students and participate in summer research
  - Yes, but you need to notify the program that you are participating as an orientation leader and get permission from your faculty mentor
- Can I do full-time research for less than 8-weeks?
  - No

# How to Find a Research Project

- Contact faculty members working in an area in which you may have an interest
  - See UAB APSA website
    - <https://www.uab.edu/medicine/mstp/academics/mstp/uab-apsa-chapter>
  - See Short-term Research Training Program Website
    - [www.uab.edu/mssrp](http://www.uab.edu/mssrp)
  - Look at faculty on UAB department websites
  - Search PubMed for Birmingham Alabama and your keywords of interest
  - Contact Dr. Lorenz for advice
  - Select a faculty sponsor and write a research proposal

# How to Find a Research Project

## Research Opportunities

This table is powered by [UAB APSA](#). [Click here](#) to edit your entry or submit a new project.

Audience	Research Type	Research Summary	Department	Research Site	Date Posted
All ▾	All ▾	<input type="text" value="Search by keyword or PI"/>	All ▾	All ▾	
Medical - Summer	Clinical Research, Health Outcomes	<b>Transplant Outcomes Research Summer Intern</b>	Surgery	Birmingham Campus	January 6, 2016 7:53:38 AM CST
Multiple	Basic science, Translational science	<b>Identification and characterization of novel factors in insulin secretion in type 2 diabetes and obesity</b>	Medicine	Birmingham Campus	November 4, 2015 12:49:12 PM CST
Undergraduate - Summer, Medical - Summer, Medical - Scholarly Activity, Graduate or MD/PhD, Resident	Basic science, Translational science, Clinical Research	<b>The role of bone microenvironment in myeloma metastasis to bone</b>	Pathology	Birmingham Campus	October 4, 2015 9:02:42 PM CDT

# Physician Scientist Development Office (PSDO)

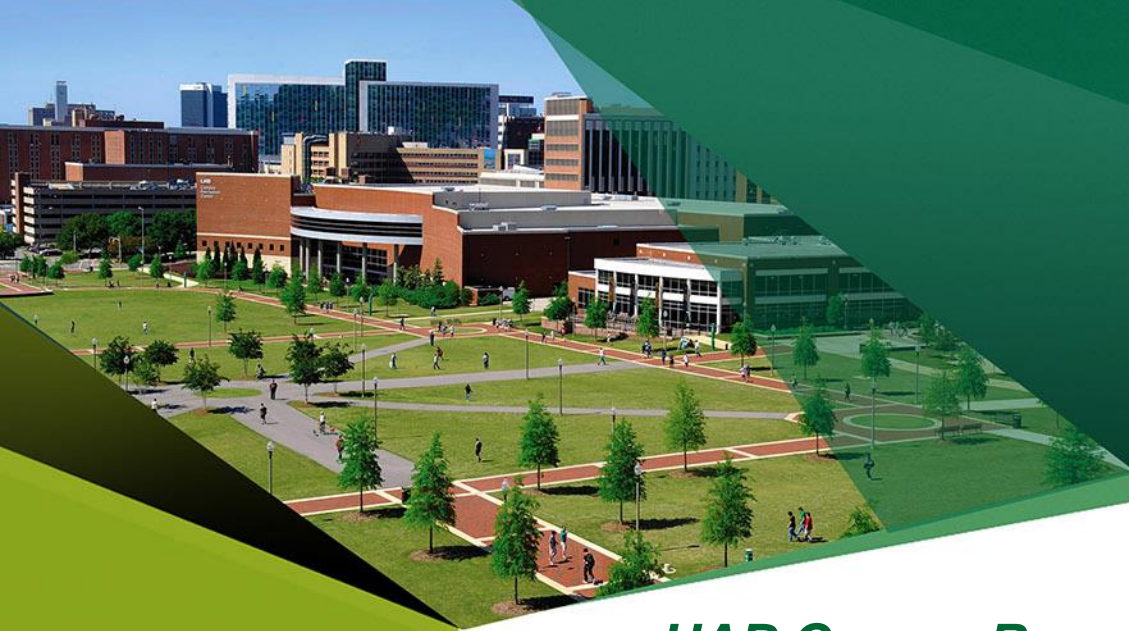


## Medical Student Summer Research Opportunities at UAB

### Individually-Based Application Process

Application information can be found at [www.uab.edu/medicine/physci](http://www.uab.edu/medicine/physci)

- Cancer Research Experiences for Students (CaRES)
- Russell Cunningham Memorial Research Program (Pediatrics)



***UAB Cancer Research Experiences for Students***  
**Overview of the “CaRES” Program**

**[www.uab.edu/cares](http://www.uab.edu/cares)**

**Dr. Peter Smith & Dr. John Waterbor, Directors**  
**Dr. C. Michael Brooks, Evaluation Director**

**UAB Comprehensive Cancer Center**  
**January 2017**

# Goals and Rationale of the CaRES Program

***Long-term*** goal: motivate participating students to pursue careers in cancer research.

***Short-term*** goals: provide each student with the support needed to undertake a mentored cancer research project; provide each preceptor with a capable student who can facilitate his or her research progress.

**Overarching goal: to become recognized as a model for short-term cancer research education and training.**

***Sept. 2016: CaRES made an invited presentation at NCI***

# Background of the CaRES Program

- An NCI R25E training grant, first funded in 1999
- Now in its 17<sup>th</sup> year; **renewed in 2015 for 2016-2020**
- To date supported over 640 medical and graduate students to do short cancer research projects
- Preceptors are UAB Comprehensive Cancer Center faculty
- Through summer 2015, all projects were done at UAB
- Longitudinal tracking of 1999-2015 CaRES students found:
  - 1) 15% are actively involved in cancer research
  - 2) 27% published cancer-related, peer-reviewed papers following CaRES, 401 papers through 07/16

# CaRES Application Process

**Actually, there is no application to fill out! And no deadline.**

- **UAB Cancer Center faculty members** who would like a CaRES student to work with them in the summer post **project descriptions** on our website [www.uab.edu/cares](http://www.uab.edu/cares) in late January and February.
- Students read each **project description** and accompanying thumbnail sketch of the “**ideal intern,**” and in this way **identify** projects to which they are **best suited**, based on their academic degree programs, qualifications, background, and career interests.
- **Students email** their CV’s to preceptors and request interviews for any and all projects of interest to them for which they feel qualified.
- The first **40-43 preceptor-student matches** are granted funding.
- **Student selection** takes place in late January and February although the projects are not done until the **summer term** (May-August)

# Eligible Students and Performance Sites

- **UAB** medical and public health students
- **USA** medical students
- **Auburn** veterinary medicine and pharmacy students
- **Samford** pharmacy and public health students
- **Tuskegee** veterinary medicine students (once approved)

*Each CaRES project must be done at **UAB** or at **HudsonAlpha Institute for Biotechnology**, the only approved “**Performance Sites**” specified in our grant proposal*

- Students must pay for their own **housing** or (ideally) stay for free with a relative or friend! CaRES can help with housing arrangements (contact Dr. Waterbor).

# CaRES Faculty Preceptors' Research

CaRES preceptors are drawn from **400 UAB Cancer Center faculty** having appointments in one of six research divisions:

- 1) Immunology, Inflammation, and Immuno-therapeutics
- 2) Cancer Cell Biology
- 3) Experimental Therapeutics
- 4) Neuro-Oncology
- 5) Cancer Prevention, Control and Population Sciences
- 6) Chemoprevention

# Research Projects Available to CaRES Students

*Any type of cancer research project can be funded.*

*Project descriptions are submitted by CCC faculty.*

In recent years many CaRES projects have focused on cancers of the breast, ovary, cervix, skin, and brain; or on obesity, diet, and tobacco use; or on cancer survivorship

## **CaRES Projects funded over the past 3 years:**

- Basic Science (including animal research) – 35%
- Clinical (cancer patients) – 35%
- Community (people at risk for cancer) – 25%
- Statistical and analytical (secondary data) – 5%

# Length of Internships, Settings, and Pay

- **8 -15 weeks** in the summer (May through August)
- Each summer a ***15-week window*** is established (the earliest possible start date and latest possible end date)
- Specific start and end dates for each project are negotiated by preceptor and student, according to their availability and in light of the demands of the project
- **Almost all projects** are done on the **UAB campus**
- **Up to 6 CaRES projects (on genomics)** can be based at **HudsonAlpha Institute for Biotechnology in Huntsville, AL**
- Students are paid **\$400/week** for full-time effort

# Seminar Series and Other Learning Activities

- **CaRES Seminar Series:** 10 hours (in-person and online) on Responsible Conduct of Research (**RCR**) and Career Development
- Additional **RCR** information and videos are available through a link on the CaRES website and from the UAB Graduate School website
- Students present **posters** at a CaRES Seminar in July; CaRES can pay for poster preparation
- **UAB Medical students** can keep their posters and present them at **Medical Student Research Day** in the fall
- **All CaRES students** may present their posters at the **CCC Annual Research Retreat** in the fall; the best poster receives a travel award
- Funds are available for **travel and per diem** for up to 20 CaRES students to present their research at professional meetings

# Important Features of CaRES

- **Self-matching process** of students to projects / preceptors
- **Flexible start & end dates** within a 15-week window each summer
- Recruitment of students from **several professional and biomedical graduate programs**: medicine, public health, veterinary medicine, and pharmacy . . . and from **several universities**
- Up to 6 of 40 projects can be based at **HudsonAlpha** in Huntsville
- High **project completion rate** due to Individual Development Plans completed by each student-preceptor pair before summer begins
- Instruction in the **RCR** and **Career Development**
- **Favorable short-term and longitudinal program evaluation results**

# CaRES Publications

- **Daniel CL, Brooks CM, Waterbor JW.** Approaches for longitudinally tracking graduates of NCI-funded short-term cancer research training programs. *J Cancer Educ* 2011; 26:58–63
- **Desmond R, Padilla LA, Daniel CI, Prickett CT, Venkatesh R, Brooks M, Waterbor JW.** Career outcomes of graduates of R25E short-term cancer research training programs. *J Cancer Educ* 2015 Jan 22 [Epub ahead of print]
- **Padilla LA, Venkatesh R, Daniel CL, Desmond RA, Brooks CM, Waterbor JW.** An evaluation methodology for longitudinal studies of short-term cancer research training programs. *J Cancer Educ* 2016; 31(1):84-92. NIHMSID: NIHMS644185 PubMed [journal] PMID:25412722, PMCID: PMC4441613
- **Padilla LA, Desmond RA, Brooks CM, Waterbor JW.** Automated Literature Searches for Longitudinal Tracking of Cancer Research Training Program Graduates. Submitted to *J Cancer Educ* in August 2016; *AACE Presidential Prize Paper Award, 2016*

# Reasons for CaRES Program Successes

- **Large pool of bright and highly-motivated students of varied backgrounds and disciplines from which to recruit**
- Excellent (and numerous) faculty preceptors who are very active in cancer research and enjoy mentoring students
- Dedicated CaRES program faculty: Drs. Waterbor, Smith, Desmond, Brooks, and Litton
- Dedicated CaRES program staff: Internship Coordinator Judy Baker; Website Developer Daniel Camburn
- UAB's collaborative and student-oriented environment

**Questions? Contact Dr. Waterbor at 205-934-7146 or [h2obor@uab.edu](mailto:h2obor@uab.edu), Ryals – 227C. Thank you! 01/08/17**



# **Russell Cunningham Memorial Research Program UAB Department of Pediatrics**

# The Program

- Established by Dr. Sergio Stagno, Chair Emeritus of the Department of Pediatrics, to honor the memory of Dr. Russell Cunningham, a long time member of the Department of Pediatrics and strong advocate for medical student education.
- Purpose: to introduce students to pediatrics and pediatric research
- Eligibility: First year UASOM Medical Students who have an interest in Pediatrics
- Format: eight week summer internship and research program
  - Work with DOP faculty mentor on a research project
  - Attend clinical activities selected and arranged by your mentor
- Funding for TWO students (\$3200 per award), selected by Committee

# The Application Process

## Phase I – submit the following by January 31, 2017

- CV
- Description of their pediatric research area of interest or an identified project
- A 200 -250 word abstract describing your interest in the program

## Phase II – submit by February 24, 2017

- By invitation – the Pediatric Review Committee will select the strongest applications (generally 4-6 individuals) and invite them to submit for Phase II
- Submit a 1-2 page description of a specific project idea

Final selection and notification will occur in early March

# Application Requirements

Requirements (for specific project ideas):

- Mentors must be a faculty member (not a fellow) in the Department of Pediatrics
- Eligible projects include bench research, clinical research, and quality improvement projects
- Projects must be designed for completion within the 8 week summer time frame (or which can be completed within a subsequent scholarly activity block)
- Projects must be developed in collaboration with the mentor
- Projects must be “owned” by the student – the student is often working on a project related to the mentor’s primary research area, but the student must have his/her own specific project

Recommendations:

- Although details of the project are not required until Phase II, the strongest Phase I applications tend to be those with an identified potential pediatric mentor and preliminary thoughts on potential projects.
- Be practical – Consider analyzing existing data from an ongoing project to answer a new research question, or expanding an existing project to examine a new but related question. New projects can be accomplished within the internship time frame but may require some pre-work (IRB approval, etc.).

**Students will not be funded to work as a research assistant on an existing project or with a non-pediatric faculty mentor**

# Questions and Contacts

**Clare Mallette**

[cmallette@peds.uab.edu](mailto:cmallette@peds.uab.edu)

Project Manager

UAB Department of Pediatrics

1600 7<sup>th</sup> Avenue South

5 Dearth Tower, Suite 5606

Birmingham, AL 35233

(205) 638-6982 - office

**Terry Wall, MD, MPH**

[twall@peds.uab.edu](mailto:twall@peds.uab.edu)

Professor of Pediatrics

UAB Division of General Pediatrics and Adolescent  
Medicine

Medical Director of Clinical Informatics, Children's  
of Alabama

Department of Pediatrics website:

<https://www.uab.edu/medicine/peds/>

**UAB** SCHOOL OF  
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Physician Scientist Development Office

# Summer Genetics Scholar Program

- 6-weeks
- Stipend of \$420/week
- Shadow in genetics clinics
- Shadow in genetics clinical laboratories
- Didactic sessions on genetics and research
- Potential for a clinical or lab-based research project
- Application deadline: **January 29, 2017**
- Contact: Dr. Nathaniel Robin

# Questions

- Robin Lorenz, MD, PhD, PSDO Director
  - [rlorenz@uabmc.edu](mailto:rlorenz@uabmc.edu)
  - 934-0676
  - SHEL 121C
- [www.uab.edu/medicine/physci/](http://www.uab.edu/medicine/physci/)