Rebekah White, MD
President, SUS
Associate Professor of Surgery
University of California San Diego
Who we are…

>400 “mid-career” academic surgeons
(<55 years old)

Research

Education
What we do…
The mission of the SUS is supporting and advancing leaders in academic surgery.
What we do...
The mission of the SUS is supporting and advancing leaders in academic surgery.
What we do…

- Give research grants
- Run mentorship programs
- Hold career development and leadership courses
- Organize the Academic Surgical Congress—the largest academic surgical meeting in the US (in collaboration with the Association for Academic Surgery)
What we want to do…

Improve diversity in academic surgery.

- Commonality between patients and providers leads to improved communication and compliance.
- Under-represented providers are more likely to serve under-served communities.
- It’s the right thing to do!
Junior Faculty Award for Underrepresented Minorities

2021-2022 Junior Faculty Award for Underrepresented Minorities

Sponsored by an unrestricted educational grant from the SUS and the SUS Foundation

Samilia Obeng-Gysai, MD

SUS Mentor: William Carson, MD

Project: Examining Biological Correlates of Social Determinants of Health in Triple Negative Breast Cancer Patients

Dr. Samilia Obeng-Gyasi is a fellowship trained breast surgical oncologist at The Ohio State University within the Division of Surgical Oncology. Her practice is focused on surgery for breast cancer and benign breast diseases. She obtained her B.S. in Biology with highest distinction and departmental honors from Indiana University-Bloomington and her MD from The University of Michigan. She completed her general surgery residency at the Cleveland Clinic and a Society of Surgical Oncology (SSO) accredited breast surgical oncology fellowship at Duke University. Due to her interest in health services research, after finishing her residency, she completed a Master’s in Public Health (MPH) at the Harvard T.H. Chan School of Public Health. As a health disparities and health equity researcher, the overarching goal of her work is to understand how ancestry, social determinants of health, behavior and stress interact to influence cancer initiation and progression through the concepts of allostatic load, social genomics and epigenomics. Under the mentorship of Dr William Carson, her URM Junior Faculty Award project will focus on the collection of biological correlates of social determinant of health among women with triple negative breast cancer.
What we want to do…

Improve diversity in academic surgery.

CALLING ALL LEADERS IN SURGERY

THE AAS-SUS EXECUTIVE DIVERSITY, EQUITY, AND INCLUSION COURSE: A FRAMEWORK FOR CREATING A DIVERSE SURGICAL WORKFORCE

KEYNOTE SPEAKERS

Marc Nivet, EdD, MBA
Executive Vice President for Institutional Advancement, University of Texas Southwestern

William McDade, MD, PhD
Chief Diversity and Inclusion Officer for the Accreditation Council for Graduate Medical Education

BREAKOUT ROOMS

Faculty and Resident Recruitment
Leads: Justin Dimick, MD, MPH, and Tania Arora, MD

Being an Upstander/Dealing with Microgressions/Allyship
Leads: Darla Thompson, PhD, and Callisia Clarke, MD, MS

Pay Equity Strategies
Leads: Sandra Wong, MD, MS, and Steve Schwatzberg, MD

Faculty and Resident Retention
Leads: Julie Ann Sosa, MD, MA, and Charlie Friel, MD

THURSDAY, DECEMBER 16, 2021
12 PM PST / 2 PM CST / 3 PM EST
4-HOUR VIRTUAL COURSE

CLICK HERE TO REGISTER
What we want to do…

Improve diversity in academic surgery.

- Any under-represented group in surgery
- >7 years out from end of training (6 faculty/year)
- Two-year program including executive coaching, participation in multiple career development courses
What we want to do…

Improve diversity in academic surgery.

SUS/AAS Under-represented in Medicine (URM)
Junior Faculty Promising Leaders Program

- New program subsidized by American College of Surgeons (10 junior faculty/year)
- <7 years out from end of training
- Any under-represented group in surgery
- Two-year program including executive coaching, participation in multiple career development courses
What we want to do…
Partner with the AAAS to improve diversity in the STEM pipeline.

- 5 paid summer (two-month) internships ($4K)
- Full-time undergraduate students
- Under-represented in biomedical fields (NIH definition)
- AAAS to disseminate and vet student applications
- SUS to vet mentors and match with students (based on geography and interest)
- Mentors to help identify housing (if needed)
- Timeline: RFA fall of 2022 > internship summer 2023
Using electroporation to generate immune responses to pancreatic cancer

Preclinical studies in mice

Clinical studies in humans

Rebekah White, MD, Surgical Oncology, UCSD, rewhite@health.ucsd.edu
Identification of genetic features that allow earlier diagnosis and treatment of pancreatic cancer

Timothy Donahue, MD, Surgical Oncology, UCLA, tdonahue@mednet.ucla.edu
Biliary atresia

- Congenital fibroobliterative extrahepatic cholangiopathy
- Uniformly lethal by 2y if untreated
- Tx effective ½ of the time
- #1 cause of end-stage liver failure in children
- #1 indication peds liver transplant

Ductular proliferation

Bridging periportal fibrosis
Defining the role of the intestinal epithelial barrier in Necrotizing Enterocolitis

Catherine J. Hunter, MD, Pediatric Surgery, Oklahoma Children’s Hospital
Catherine-hunter@ouhsc.edu
Targeting musculoskeletal progenitor cells to prevent and treat heterotopic ossification

Identify Clinical Challenges

- Heterotopic Ossification
- Muscle Fibrosis

Identify Key Cells and Pathways w/ clinically relevant models and omics

- Siglec1+
- Timd4+
- Lyve1+
- Csfr1+
- Mrc1+
- Folr2+

- Arg-
- IL-1b+
- Cxcl1+
- Cxcl2+
- Ccl4+
- Erg1+
- Ccl7+
- Ccl2+

- Mfge8+
- Mgp+
- Siglec1+
- Arg1+
- Cd68+

- Tgfb1+
- Clec4d+
- Tnf+
- Cxcl3+
- Cd14+
- Chi13+

- Mmp2+
- Cd81+
- Sparc
- Igfbp7+
- Trem2+
- Apoe+

- Plac8+
- Ifitm6+
- Igfbp4+
- Col1a1+
- Col1a2+
- Col3a+

Validate cell specific targeting and translatable therapies

Benjamin Levi, Dept Surgery, UTSW
Benjamin.Levi@UTSouthwestern.edu

World's 1st trial of drug developed from IPS cells to begin

https://twitter.com/lab_levi
Improving outcomes in cardiothoracic surgery

Danny Chu, MD, Cardiothoracic Surgery, University of Pittsburgh Medical Center, chud@upmc.edu

JAMA Surgery

Original Investigation | ASSOCIATION OF VA SURGEONS

Safety and Efficacy of Implementing a Multidisciplinary Heart Team Approach for Revascularization in Patients With Complex Coronary Artery Disease
An Observational Cohort Pilot Study

Danny Chu, MD; Melissa M. Anastacio, MD; Suresh R. Mulukutla, MD; Joon S. Lee, MD; A. J. Conrad Smith, MD; Oscar C. Marroquin, MD; Carlos E. Sanchez, MD; Victor O. Morell, MD; Chris C. Cook, MD; Serrie C. Lico, MD; Lawrence M. Wei, MD; Vinay Bachwar, MD

Published online September 10, 2014.
Improving postoperative outcomes through system improvement

Melanie Morris, MD
Colorectal Surgeon
morrisme@uab.edu
INDEPENDENT OF SVI MINORITIES HAVE LOWER LDKT

WHY?!!!

Surgery, Science & Advocacy:
Mitigating health disparities in Transplantation

Jayme E Locke MD MPH Abdominal Transplant Surgery
jlocke@uabmc.edu
What we offer…

A broad and deep pool of experienced research mentors

- Nation-wide
- Multiple different surgical specialties
- Multiple different research disciplines
- All interested in training future surgeons and non-surgeons!

Questions

rewhite@health.ucsd.edu
susweb.org
Intro to NOAA and Federal Student Opportunities

DaNa L. Carlis, Ph.D., PMP
NOAA’s Global Systems Laboratory
Deputy Director
Boulder, CO
May 18, 2022
Presentation Overview

• Introduction to NOAA
• Student opportunities
  • Undergraduate
  • Graduate
• NOAA Cooperative Science Centers
• Pathways Program

NOAA Scholars working across NOAA labs, programs and centers.
NOAA's Mission: Science, Service and Stewardship

1. To understand and predict changes in climate, weather, oceans and coasts;

2. To share that knowledge and information with others; and

3. To conserve and manage coastal and marine ecosystems and resources.
NOAA Line Offices

National Weather Service (NWS)
Oceanic and Atmospheric Research (OAR)
National Environmental Satellite Data & Information Service (NESDIS)
National Ocean Service (NOS)
National Marine Fisheries Service (NMFS)
Office of Marine and Aviation Operations (OMAO)

SCIENCE
SERVICE
STEWARDSHIP
Surface of the Sun to the Depths of the Ocean

Tools to support

- $4.6T in economic activity generated by U.S. ports

Forecasts for

- Emergency management of $485B in weather impacts
- $82M in annual impacts to from harmful algae blooms.

5-year averages of U.S. landings and value are up.

- LANDINGS 9.7 B (billion) pounds +24% from 2014
- VALUE $5.2 B (billion) -4.5% from 2013

Assessments on the health of the nation’s $200B fisheries
Undergraduate Student Opportunities

NOAA 2018 and 2019 Educational Partnership Program with Minority Serving Institution Scholars

https://www.noaa.gov/education/opportunities/students
NOAA Undergraduate Scholarship Programs

Hollings Scholarship Program (≈125 students/year)

• 1 paid summer internship
• Tuition support (Up to $9.5K/year for 2 years)
• Conference travel support; Internship site visit

Educational Partnership Program (≈10 students/year)

• 2 paid summer internships
• Tuition support (up to $9.5K/year for 2 years)
• Conference travel support; Internship site visit
• Must be enrolled at MSI to apply

NOTE: Applications for the Class of 2023 will OPEN Sept. 1, 2022!
Graduate Student Opportunities

NOAA’s Education and Science Forum at FAMU 2022
John A. Knauss Marine Policy Fellowship

- **About:** 1-yr fellowship in executive, legislative branch of government in Washington, D.C. area
- **Annually:** 55-65 fellows/year
- **Overall:** 50% alumni work for federal government
- **Award:** $71.5K stipend + benefits and travel and professional development support.
- **Application Deadline:** Late Feb
NOAA Cooperative Science Centers

- **NOAA Living Marine Resources Cooperative Science Center (LMRCSC):** University of Maryland Eastern Shore
- **NOAA Center for Atmospheric Science and Meteorology (NCAS-M):** Howard University
- **NOAA Center for Earth System Sciences & Remote Sensing Technologies (CESSRST):** City College of the City University of New York
- **NOAA Center for Coastal and Marine Ecosystems (CCME):** Florida A&M University

- **NOAA Connections:** Students required to have NOAA committee member, NOAA Experiential Research & Training Opportunity (NERTO)
Pathways Programs

1. **Internship**: Current students (high school to graduate-level)
   - Summer positions normally advertised in Jan

2. **Recent Graduates**: Completed degree w/in 2 years; (6 years for veterans)

3. **Presidential Management Fellows**: Completed qualifying advanced degree within the past 2 years
   - **Option** exists to convert most Pathways students non-competitively to federal employees
Pathways Resources

- **USA Jobs site:** [https://www.usajobs.gov/StudentsAndGrads](https://www.usajobs.gov/StudentsAndGrads)
- **CURRENT! Announcement for Recent Grads**
Questions?

- DaNa.Carlis@noaa.gov

The NOAA Student Opportunities page

Bookmark this link:

http://www.noaa.gov/education/opportunities/students
The U.S. Department of Agriculture (USDA) is made up of 29 agencies and offices with nearly 100,000 employees who serve the American people at more than 4,500 locations across the country and abroad. We provide leadership on food, agriculture, natural resources, rural development, nutrition, and related issues based on public policy, the best available science, and effective management.
Agricultural Research Services (ARS) is USDA’s chief scientific in-house research agency.

Our job is finding solutions to agricultural problems that affect Americans every day from field to table.

- 660 research projects within 15 National Programs
- 2,000 scientists and post docs
- 6,000 other employees
- 90+ research locations, including overseas laboratories

ARS National Program Areas

- Improving Our Nation’s Livestock
- Supporting Our Nation’s Health
- Protecting Our Nation’s Crops
- Restoring Our Nation’s Natural Resources
- Discovering Scientific Discoveries Abroad
ARS Locations

• ARS Headquarters is in Beltsville, Maryland.

• The National Agricultural Library (NAL) is one of five national libraries of the United States. It houses one of the world’s largest collections devoted to agriculture and its related sciences.

• ARS is divided into 5 geographic Areas across the country:
  • Midwest Area
  • Northeast
  • Pacific West
  • Plains
  • Southeast
ARS Career Opportunities
www.ars.usda.gov

Scientific Occupations

- Agricultural Engineering
- Animal Sciences
- Bioinformatics
- Chemistry
- Food Science
- Human Nutrition
- Immunology
- Molecular Biology
- Soil Science
- Veterinary Science
- Agronomy
- Biochemistry
- Biology
- Entomology
- Genetics
- Hydrology
- Microbiology
- Plant Science
- Statistics
- Virology

All current vacancies are listed at USAJOBS www.usajobs.gov and follow us at LinkedIn™
Internships & Student Employment

Pathways Program offers federal internship and employment opportunities for current students and recent graduates. The Recent Graduates Program is for those individuals who have graduated, within the past two years, from a qualifying educational institution or certificate program.

Hispanic Association of Colleges & Universities (HACU) National Internship Program (HNIP) offers a paid internship program for undergraduate and graduate students. More information available at HACU website.

ARS Postdoctoral Research Associate Program provides for short-term, non-career appointments to salaried positions on specific research projects. Applicants must have completed requirements for a Ph.D. degree before their employment.
The 1890 Faculty Research Sabbatical Program (FRSP) provides faculty at 1890 land-grant universities (LGUs) with the opportunity to participate in a residency at an ARS laboratory to conduct cooperative research of mutual interest with ARS scientists. Tenure-track and research-track faculty who have been employed for a minimum of 3 years at their current 1890 LGU are eligible to participate in the program. Each year, pending annual appropriations, ARS invests up to $500,000 in the program to support expenses such as salary, housing, personal living expenses, travel, and research costs.
Explore Scientific Discoveries 2022 to see what ARS scientists are doing to enrich our lives, go to Scientific Discoveries 2022 (usda.gov).

https://scientificdiscoveries.ars.usda.gov

Watch Our Discoveries with Impact
Questions?

For additional information on career opportunities with USDA-ARS, please contact Geralynn Cortes at Geralynn.Cortes@usda.gov or ARS-careers@usda.gov.
Iowa-based non-profit, Krell Institute, manages three Ph.D.-level fellowship programs for the Department of Energy.
Program Sponsors

U.S. DEPARTMENT OF ENERGY

• Ensuring America’s security and prosperity by addressing its energy, environmental and nuclear challenges through transformative science and technology solutions

Office of Science

• The nation’s largest federal sponsor of basic research in the physical sciences

National Nuclear Security Administration

• Responsible for enhancing national security through the military application of nuclear science

• Maintains and enhances the safety, security and effectiveness of the U.S. nuclear weapons stockpile without nuclear explosive tests

• Works to reduce global danger from WMD

• Provides U.S. Navy with nuclear propulsion

• Responds to nuclear and radiological emergencies in the U.S. and abroad
DEPARTMENT OF ENERGY
NATIONAL NUCLEAR SECURITY ADMINISTRATION
LABORATORY RESIDENCY GRADUATE FELLOWSHIP

www.krellinst.org/lrgf
The Department of Energy National Nuclear Security Administration Laboratory Residency Graduate Fellowship (DOE NNSA LRGF) provides outstanding benefits and opportunities to U.S. citizens who are in their second (or later) year of doctoral study to work at premier national laboratories while pursuing degrees in fields relevant to the stewardship of the nation’s nuclear stockpile.

LAB RESIDENCY Fellowships include at least two 12-week research residencies at Lawrence Livermore National Laboratory, Los Alamos National Laboratory, Sandia National Laboratories, or the Nevada National Security Site. Fellows are encouraged to extend these residencies to carry out thesis research and other studies at the DOE NNSA facilities.

FIELD OF STUDY

<table>
<thead>
<tr>
<th>ENGINEERING &amp; APPLIED SCIENCES</th>
<th>pulsed power; particle accelerator physics and design; detector and data processing; fluid mechanics</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS</td>
<td>atomic, nuclear and plasma physics; shock physics</td>
</tr>
<tr>
<td>MATERIALS</td>
<td>additive materials; dynamic materials; energetic materials physics and chemistry</td>
</tr>
<tr>
<td>MATHEMATICS AND COMPUTATIONAL SCIENCE</td>
<td>multiscale, multiphysics theory and numerical simulation; PIC/fluid hybrid simulation</td>
</tr>
</tbody>
</table>

BENEFITS

- $38,000 annual stipend
- Payment of full tuition and required fees
- Yearly program review participation
- Annual professional development allowance
- Two or more 12-week-minimum national laboratory residencies
- Renewable up to four years
The DOE NNSA LRGF

DOE NNSA LRGF's primary objective is to encourage the training of scientists by providing financial support to talented individuals whose study and research is accompanied by extended, practical work experience at one or more of four DOE NNSA facilities.

No program of study is needed to apply for and complete the DOE NNSA LRGF.

However, an application must include a residency plan letter to include planned laboratory site(s), intended lab mentor(s), research to be conducted during the residency, and how the planned experience relate(s) the academic research proposal.
The DOE NNSA LRGF promotes interactive relationships connecting laboratory scientists, professors and students in fields relevant to the DOE laboratory system. These collaborations, combined with unique facility exposure, are expected to lead to employment opportunities and advancement within the labs.

The program’s laboratory residency component is essential to meeting these objectives. By the end of the fellowship's second year, students must have completed at least two 12-week research experiences at one of four DOE NNSA facilities:

- Lawrence Livermore National Laboratory
- Los Alamos National Laboratory
- Nevada National Security Site
- Sandia National Laboratories, New Mexico
The Department of Energy National Nuclear Security Administration Stewardship Science Graduate Fellowship (DOE NNSA SSGF) provides outstanding benefits and opportunities to students pursuing a Ph.D. in areas of interest to stewardship science, such as properties of materials under extreme conditions and hydrodynamics, nuclear science, or high energy density physics. The fellowship includes a 12-week research experience at Lawrence Livermore National Laboratory, Los Alamos National Laboratory or Sandia National Laboratories.

**BENEFITS**
- $38,000 annual stipend
- Payment of full tuition and required fees
- Yearly program review participation
- Annual professional development allowance
- 12-week research practicum experience
- Renewable up to four years

The DOE NNSA SSGF is open to U.S. citizens who are senior undergraduates or students in their first or second year of graduate study.

Application opens October 2022.
The program of study (POS) provides academic knowledge necessary for future success in the stewardship sciences. The fellowship requires a university POS — approved by the academic department — that provides a solid background in high energy density physics, nuclear science, or properties of materials under extreme conditions and hydrodynamics. The major field must fall in one of these categories and the POS must demonstrate both depth and breadth by including courses in the physical, engineering, mathematical or computer sciences.

Timely POS completion is an explicit commitment students and their advisors accept. The POS must be completed before the fellowship's third year.
A 12-Week DOE Laboratory Practicum

The practicum (research experience) is a unique opportunity for DOE NNSA SSGF fellows to work in a DOE laboratory with some of the most respected scientists in the world. This experience offers students insight into how their scientific interests can translate to research areas important to the nation. Working outside of their thesis studies, fellows use the practicum as a time to learn new skills and expand their research capabilities.

• Lawrence Livermore National Laboratory
• Los Alamos National Laboratory
• Sandia National Laboratories, California
• Sandia National Laboratories, New Mexico
DEPARTMENT OF ENERGY

COMPUTATIONAL SCIENCE GRADUATE FELLOWSHIP

www.krellinst.org/csgf
Application opens October 2022.

The Department of Energy Computational Science Graduate Fellowship (DOE CSGF) provides up to four years of financial support for students pursuing doctoral degrees in fields that use high-performance computing to solve complex problems in science and engineering.

The program also funds doctoral candidates in applied mathematics, statistics or computer science who undertake research that will contribute to more effective use of emerging high-performance systems. Complete details and a listing of applicable research areas can be found on the DOE CSGF website.

**BENEFITS**
- $38,000 yearly stipend
- Payment of full tuition and required fees
- Yearly program review participation
- Annual professional development allowance
- 12-week research practicum experience
- Renewable up to four years

**ELIGIBILITY:** U.S. citizens and legal permanent residents
For over 30 years, DOE CSGF recipients have used math and computers to conduct doctoral research in many fields, including:

- Applied Mathematics
- Astrophysics
- Chemistry
- Computer Science
- Environmental Science
- Life Sciences
- Machine Learning
- Materials Science
- Mechanical Engineering
- Nuclear Engineering
- Physics

Candidates for the traditional DOE CSGF must have a specific science or engineering application for their research.
Math/Computer Science Track \textit{(added in 2018)}

The DOE CSGF's \textit{math/computer science track} is intended for candidates focusing on fundamental research into enabling technologies for high-performance computing (HPC) that are \textit{broadly relevant to science and engineering applications} of interest to DOE. Such areas include (but are not limited to):

- ODE, PDE, and integral discretization methods
- Linear and nonlinear solvers
- Multiscale, multi-physics coupling methods
- Verification, validation, and uncertainty quantification
- \textit{In situ} data analysis
- High-dimensional data analysis
- Large-scale data visualization
- High-performance compilers
- Programming models and abstractions for heterogeneous computing
- Domain-specific languages
- Dynamic runtime environments
- Power management
- HPC development tools
- HPC performance analysis and tools
- Debugging at extreme scale
- Scalable I/O
- Scalable machine learning
- Interpretable machine learning
- Physics-constrained machine learning
- Robust machine learning
- Scientific data management and engineering
Program of Study

The DOE CSGF program requires fellows complete a Program of Study (POS) which would include courses from science/engineering, mathematics/statistics, and computer science; plus, an additional high-performance computing course. In order to obtain in-depth exposure to core concepts in applied mathematics and computer science, courses used to fulfill the distribution requirements of the fellowship must cover some fundamental topics in these fields.

The POS offers fellows an intellectual broadening experience as approached by people who are trained in and are part of the community of that discipline.

<table>
<thead>
<tr>
<th>SAMPLE PROGRAM OF STUDY - SEMESTER SYSTEM</th>
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<tbody>
<tr>
<td><strong>Course Number</strong></td>
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<tr>
<td><strong>Science/Engineering</strong></td>
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<tr>
<td>Chem 8130</td>
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<tr>
<td>Chem 8950</td>
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<tr>
<td><strong>Mathematics and Statistics</strong></td>
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<tr>
<td>Math 8170</td>
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<tr>
<td>Math 8500</td>
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<tr>
<td><strong>High-Performance Computing</strong></td>
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<tr>
<td>CS 6140</td>
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<tr>
<td><strong>Computer Science</strong></td>
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<tr>
<td>CS 5565</td>
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<tr>
<td>CS 6030</td>
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</tbody>
</table>
Exposure to DOE ASCR User Facilities

NERSC – Berkeley Lab

Argonne Leadership Computing Facility

Oak Ridge Leadership Computing Facility
A 12-Week DOE Laboratory Practicum

The practicum (research experience) is a unique opportunity for DOE CSGF fellows to work in a DOE laboratory with some of the most respected scientists in the world. This experience offers students insight into how their scientific interests can translate to research areas important to the nation. Working outside of their thesis studies, fellows use the practicum as a time to learn new skills and expand their research capabilities.

- Ames Laboratory
- Argonne
- Brookhaven
- Fermi National Accelerator Laboratory (Fermilab)
- Idaho
- Lawrence Berkeley
- Lawrence Livermore
- Los Alamos
- National Energy Technology Laboratory (NETL)
- National Renewable Energy Laboratory (NREL)
- Naval Nuclear Laboratory—Bettis
- Naval Nuclear Laboratory—Knolls
- Nevada National Security Site (NNSS)
- Oak Ridge
- Pacific Northwest
- Princeton Plasma Physics Laboratory
- Sandia, California
- Sandia, New Mexico
- Savannah River
- SLAC National Accelerator Laboratory
- Thomas Jefferson National Accelerator Facility (Jefferson Lab)
Annual Program Review

Each fellowship hosts an annual meeting for fellows, alumni, DOE Laboratory representatives and scientists, DOE HQ staff, university staff and academic advisors as an opportunity to network and engage within different research areas.

This meeting is comprised of several different components:

- Research presentations by fourth-year fellows
- Introductions to laboratory staff and practicum/career opportunities
- Keynote talks from alumni and other leaders in the broader scientific community
- Professional development panels and sessions
- DOE laboratories and fellows’ poster sessions
- Forums to network with fellows and alumni, and to meet with DOE/NNSA staff and Federal legislators
DEPARTMENT OF ENERGY
NATIONAL NUCLEAR SECURITY ADMINISTRATION
LABORATORY RESIDENCY GRADUATE FELLOWSHIP

www.krellinst.org/lrgf
Join our growing community of scientists.

We are committed to recruiting diverse and qualified applicants who have an interest in:

- Training in both computational science and stewardship science endeavors
- Working in collaboration within multidisciplinary teams
- Gaining awareness of the next generation of science and engineering careers

Questions?