

**ARCS® Foundation, Inc.**  
**Academic Institutions and Departments (by Chapter)**  
**Approved Institutions/Departments/Programs, revised 07.15.2015**

**Atlanta Chapter**

**Emory University**

Chemistry  
Graduate Division of Biological and Biomedical Sciences (GDBBS)  
Rollins School of Public Health (RSPH)

**Georgia Institute of Technology**

Daniel Guggenheim School of Aerospace Engineering (AE)  
Wallace H. Coulter Department of Biomedical Engineering at Georgia Tech and Emory University (BME)  
School of Civil and Environmental Engineering (CEE)  
College of Computing (CC)  
School of Earth and Atmospheric Sciences (EAS)  
School of Electrical and Computer Engineering (ECE)  
H. Milton Stewart School of Industrial and Systems Engineering (ISyE)  
George W. Woodruff School of Mechanical Engineering (ME)

**Morehouse College**

Division of Science and Mathematics

**University of Georgia**

Paul D. Coverdell Biomedical and Health Sciences Institute (BHSI)

**Colorado Chapter**

**University of Colorado, Boulder**

College of Engineering  
Aerospace  
Applied Mathematics Chemical and Biological Electrical  
Computer Energy Mechanical

College of Natural Sciences  
Ecology and Evolutionary Biology  
Molecular, Cellular and Developmental Biology  
Mathematics  
Geological Sciences  
Computer Science  
Chemistry and Biochemistry  
Chemical Physics  
Astrophysics  
Physics

**University of Colorado, Denver**

College of Engineering  
Bioengineering  
Civil Engineering  
Computer Science  
Electrical Engineering  
Mechanical Engineering

**University of Colorado, Colorado Springs**

College of Engineering  
Computer Science Engineering  
Electrical Engineering  
Mechanical & Aerospace Engineering

**University of Colorado School of Medicine & School of Dental Medicine**

Medicine  
Dentistry  
Epidemiology  
Molecular Chemistry and Genetics  
Immunology  
Neuroscience

**Colorado School of Mines**

Department of Applied Science and Mathematics:

Chemistry  
Computer Science  
Environmental Science  
Materials Science  
Mathematics  
Physics

Department of Engineering

Chemical Engineering  
Civil Engineering  
Electrical Engineering  
Environmental Engineering  
Mechanical Engineering  
Metallurgical and Materials Engineering  
Nuclear Engineering

Department of Geoscience and Resource Engineering

Geochemistry  
Geology and Geological Engineering  
Geophysics and Geophysical Engineering  
Hydrology  
Mining and Earth Systems Engineering  
Petroleum Engineering

**Colorado State University**

College of Engineering:

Biomedical Engineering  
Chemical & Biological Engineering  
Civil and Environmental Engineering

Electrical & Computer Engineering  
Engineering Physics  
Engineering Science  
Mechanical Engineering  
College of Natural Sciences:  
Biochemistry  
Biological Sciences  
Chemistry  
Computer Science  
Mathematics  
Physics  
Zoology  
College of Veterinary Medicine and Biomedical Sciences:  
Veterinary Medicine

## **Honolulu Chapter**

### **University of Hawaii (Manoa)**

College of Natural Sciences  
Biology  
Botany  
Chemistry  
Information & Computer Sciences  
Mathematics  
Microbiology  
Physics & Astronomy  
Institute for Astronomy  
School of Ocean and Earth Science and Technology  
Geology & Geophysics  
Atmospheric Sciences  
Ocean & Resources Engineering  
Oceanography  
College of Engineering  
Civil & Environmental Engineering  
Electrical Engineering  
Mechanical Engineering  
College of Tropical Agriculture and Human Resources  
Molecular Biosciences & Bioengineering  
Plant and Environmental Protection Sciences  
Tropical Plant and Soil Sciences  
John A. Burns School of Medicine  
Anatomy, Biochemistry and Physiology  
Tropical Medicine, Medical Microbiology and Pharmacology  
School of Nursing and Dental Hygiene  
Doctoral Nursing Program

## Illinois Chapter

### **Illinois Institute Of Technology**

Biomedical Engineering  
Biology  
Chemical Engineering  
Chemistry  
Computer Science  
Mathematics  
Mechanical & Aerospace Engineering  
Physical Science  
Physics

### **Loyola University Of Chicago**

Stritch School of Medicine  
Medicine

### **Northwestern University**

Biological Sciences  
Chemical & Biological Engineering  
Chemistry  
Engineering Science & Applied Mathematics  
Materials Science & Engineering  
Medicine  
Molecular Biology

### **University Of Chicago**

Biochemistry  
Biology  
Cancer Biology  
Chemistry  
Computational Neuroscience  
Computer Science  
Developmental Neuroscience  
Ecology and Evolution Evolutionary  
Biology  
Medicine  
Organic Chemistry  
Physics

### **University of Illinois at Urbana-Champaign**

College of Engineering  
Aerospace Engineering  
Bioengineering  
Chemical and Biomolecular Engineering  
Civil and Environmental Engineering  
Computer Science  
Electrical and Computer Engineering  
Industrial and Enterprise Systems Engineering  
Material Sciences and Engineering  
Physics

College of Agricultural, Consumer and Environmental Sciences/College of Engineering  
Agricultural & Biological Engineering  
College of Agricultural, Consumer and Environmental Sciences  
Animal Sciences  
Crop Sciences  
Food Sciences and Human Nutrition  
Natural Resources & Environmental Sciences  
College of Liberal Arts and Sciences  
Astronomy  
Mathematics  
Neuroscience  
Statistics  
College of Liberal Arts and Sciences/School of integrative Biology  
Entomology  
Plant Biology  
College of Liberal Arts and Sciences/School of Molecular and Cellular Biology  
Molecular and Integrative Physiology  
College of Liberal Arts and Sciences/School of Earth, Society and Environment  
Geology  
School of Integrative Biology  
Ecology, Evolution and Conservation Biology

## **Los Angeles Founder Chapter**

### **California Institute of Technology**

Chemistry  
Civil Engineering  
Chemical Engineering  
Aeronautics  
Electrical Engineering  
Biology  
Geophysics  
Control & Dynamical Systems  
Astrophysics

### **Harvey Mudd College**

Engineering  
Physics  
Neurosciences  
Computer Sciences

### **Pomona College**

Biology  
Molecular Biology  
Chemistry  
Organic Chemistry

### **Brain Research Institute UCLA**

Neuroscience  
Interdepartmental Ph.D. Program for Neuroscience

**Keck School of Medicine USC**

Postdoctoral Research Associate at the Norris Cancer Center  
Doctor of Medicine, M.D., and Ph.D. Programs

**Viterbi School of Engineering USC**

Electrical Engineering  
Computer Science  
Aerospace & Mechanical Engineering  
Materials Sciences  
Civil Engineering

**Metropolitan Washington Chapter**

**The George Washington University**

School of Engineering and Applied Sciences  
Biomedical Engineering  
Computer Science  
Electrical and Computer Engineering  
Mechanical and Aerospace Engineering  
Columbian College of Arts & Sciences  
Chemistry  
Physics

**Georgetown University**

School of Arts & Sciences  
Biochemistry  
Molecular & Cellular Biology  
Chemistry  
Physics  
Georgetown College  
Biology  
Georgetown School of Medicine  
Neuroscience  
Tumor Biology

**Johns Hopkins University**

Whiting School of Engineering  
Chemical and Biomolecular Engineering  
Biomedical Engineering  
Computer Science  
Geography & Environmental Engineering  
Material Science & Engineering  
Mechanical Engineering  
Zanvyl Krieger School of Arts & Sciences  
Chemistry  
Physics & Astronomy  
Earth & Planetary Sciences  
Bloomberg School of Public Health  
Environmental Health Science  
Whitaker Biomedical Engineering Institute

Psychology and Brain Sciences  
Johns Hopkins School of Medicine  
Institute for Computational Medicine  
Johns Hopkins Institute for Nano-Bio Technology  
Engineering Research Center for Computer-Integrated Surgical Systems &  
Technology  
Laboratory for Computational Sensing & Robotics  
Johns Hopkins Physical Sciences in Oncology Center

### **The University of Maryland**

James Clark School of Engineering  
Aerospace Engineering  
Bioengineering  
Civil & Environmental Engineering  
Electrical Engineering  
Electrical & Computer Engineering  
Material Science & Engineering  
Mechanical Engineering  
College of Computer, Mathematical and Natural Sciences  
Biochemistry and Biophysics  
Chemistry  
Computer Science  
Physics  
University of Maryland School of Medicine

### **The University of Virginia**

School of Arts and Sciences  
Astronomy  
Biology  
Chemistry  
Computer Science  
Physics  
School of Engineering and Applied Science  
Biomedical Engineering  
Chemical Engineering  
Civil & Environmental Engineering  
Electrical Engineering  
Electrical & Computer Engineering  
Material Science & Engineering  
Mechanical and Aerospace Engineering  
Systems and Information Engineering

## **Minnesota Chapter**

### **University of Minnesota**

Department of Civil Engineering  
Department of Mechanical Engineering  
Department of Computer Science and Engineering  
Department of Biomedical Engineering  
Department of Biochemistry, Molecular Biology, and Biophysics

## Northern California Chapter

### **San Francisco State University**

Biology  
Chemistry & Biochemistry  
Computer Science  
Geosciences  
Mathematics  
Physics & Astronomy

### **Stanford University**

Aeronautics & Astronautics  
Applied Physics  
Bioengineering  
Biology  
Chemical Engineering  
Chemistry  
Civil & Environmental Engineering  
Computer Science  
Electrical Engineering  
Energy Resources Engineering  
Environmental Earth System Science  
Geological & Environmental Earth Sciences  
Geophysics  
Management Science & Engineering  
Materials Science & Engineering  
Mathematics  
Mechanical Engineering  
Physics

### **University of California, Berkeley**

Applied Science & Technology  
Bioengineering  
Biophysics  
Chemical & Biomolecular Engineering  
Chemistry  
Civil & Environmental Engineering  
Earth & Planetary Science  
Electrical Engineering & Computer Sciences (EECS)  
Environmental Science, Policy & Management (ESPM)  
Industrial Engineering & Operations Research  
Integrative Biology  
Materials Science & Engineering  
Mathematics  
Mechanical Engineering  
Microbiology  
Molecular & Biochemical Nutrition  
Molecular & Cell Biology  
Neuroscience Inter-departmental PhD Program; includes nine departments in science  
and engineering  
Nuclear Engineering  
Physics

Plant & Microbial Biology  
School of Information, Department of Information Management and Systems  
Graduate Division, Energy and Resources Group

**University of California, Davis**

Animal Behavior  
Biomedical Engineering  
Chemistry  
Civil and Environmental Engineering  
Comparative Pathology  
Computer Science  
Ecology  
Geology  
Molecular, Cellular & Integrative Physiology (MCIP)  
Neuroscience  
Pharmacology & Toxicology  
Population Biology  
Transportation & Technology Policy

**University of California, San Francisco**

Biochemistry & Molecular Biology  
Bioengineering  
Biological & Medical Informatics  
Biomedical Sciences  
Biophysics  
Cell Biology  
Chemistry & Chemical Biology  
Developmental & Stem Cell Biology  
Genetics  
Neuroscience  
Oral & Craniofacial Sciences  
Pharmaceutical Sciences & Pharmacogenomics

**University of California, Santa Cruz**

Astronomy & Astrophysics  
Biomolecular Engineering  
Chemistry & Biochemistry  
Computer Engineering  
Computer Science  
Earth & Planetary Sciences  
Ecology & Evolutionary Biology  
Electrical Engineering  
Mathematics  
Microbiology & Environmental Toxicology  
Molecular, Cell & Developmental Biology  
Ocean Sciences  
Physics  
Science Communication

## Orange County Chapter

### **University of California, Irvine**

- School of Biological Sciences
  - Developmental and Cell Biology
  - Ecology and Evolutionary Biology
  - Molecular Biology and Biochemistry
  - Neurobiology and Behavior
- Henry Samueli School of Engineering
  - Biomedical Engineering
  - Chemical Engineering and Materials Science
  - Civil and Environmental Engineering
  - Electrical Engineering and Computer Science
  - Mechanical and Aerospace Engineering
- School of Physical Sciences
  - Chemistry
  - Earth System Science
  - Physics and Astronomy
- Donald Bren School of Information and Computer Sciences
  - Computer Science
  - Informatics
  - Statistics
- School of Medicine
  - Anatomy and Neurobiology
  - Biological Chemistry
  - Pharmacology

## Phoenix Chapter

### **Arizona State University**

- Biology
  - Biological Design
  - Cellular Biology
  - Microbiology
  - Molecular Biology
  - Plant Biology
- Cancer Research
- Chemistry
  - Biochemistry
  - Organic Chemistry
- Computer Science
- Engineering
  - Aerospace Engineering
  - Biomedical Engineering
  - Chemical Engineering
  - Civil, Environmental and Sustainable Engineering
  - Electrical Engineering
  - Industrial Engineering
  - Mechanical Engineering

Geology  
Hydrology  
Mathematics  
    Applied Mathematics  
Physics

### **University of Arizona**

Agriculture  
    Agricultural & Bio-systems Engineering  
Astronomy  
Biology  
    Molecular and Cellular Biology  
    Cancer Biology  
    Microbiology  
    Neurobiology  
Chemistry  
    Biochemistry  
    Biochemistry and Molecular and Cellular Biology  
Computer Science  
Engineering  
    Biomedical Engineering  
    Chemical Engineering  
    Environmental Engineering  
    Mechanical Engineering  
    Geo-engineering  
Geology  
Hydrology  
Mathematics  
    Applied Mathematics  
Neuroscience  
Optical Sciences  
Physics  
Physiological  
Sciences Plant  
Sciences

### **Northern Arizona University**

Biology  
Forestry

## **Pittsburgh Chapter**

### **Carnegie Mellon University**

Carnegie Institute of Technology (College of Engineering)  
    Biomedical Engineering (includes the MD/PhD program administered jointly with  
        the University of Pittsburgh)  
    Chemical Engineering  
    Civil and Environmental Engineering  
    Electrical and Computer Engineering  
    Engineering and Public Policy  
    Materials Science Engineering  
    Mechanical Engineering

Mellon College of Science  
Chemistry  
Mathematics  
Physics  
Biological Sciences (includes the MD/PhD program administered jointly with the University of Pittsburgh).  
School of Computer Science  
Computer Science  
Institute for Software Research  
Institute for Software Research International  
International Human Computer Interaction Institute  
Language Technologies Institute  
Robotics Institute

### **University of Pittsburgh**

School of Medicine  
Interdisciplinary Biomedical Graduate Program  
Biochemistry & Molecular Genetics  
Cell Biology & Molecular Physiology  
Cellular & Molecular Pathology  
Immunology  
Molecular Pharmacology  
Molecular Virology & Microbiology  
Integrative Molecular Biology  
Molecular Biophysics & Structural Biology  
Center for Neuroscience Graduate Program (CNUP) - Interdepartmental PhD program in Neurobiology/Neuroscience, jointly administered through the School of Medicine and the School of Arts & Sciences  
Swanson School of Engineering  
Bioengineering

### **Penn State University**

Graduate Program in Acoustics  
Graduate Program in Ecology  
Graduate Program in Plant Biology  
Department of Nuclear and Mechanical Engineering

## **Portland Chapter**

### **Oregon Health & Science University**

School of Medicine  
Behavioral Neuroscience Graduate Program  
Biomedical Engineering Graduate Program  
Computer Science & Engineering Graduate Program  
Electrical Engineering Graduate Program  
Environmental & Biomolecular Systems Graduate Program  
Neuroscience Graduate Program  
Graduate Program in Molecular & Cellular Biosciences  
School of Nursing

## **Oregon State University**

College of Agricultural Sciences

Department of Crop and Soil Science

Department of Food Science and Technology

Department of Biological and Ecological Engineering

Department of Botany and Plant Pathology

Department of Environmental and Molecular Toxicology

Department of Fisheries and Wildlife Sciences

Department of Microbiology

College of Earth, Ocean and Atmospheric Sciences

College of Engineering

School of Chemical, Biological and Environmental Engineering

School of Civil and Construction Engineering

School of Electrical Engineering and Computer Science

School of Mechanical, Industrial & Manufacturing Engineering

Department of Nuclear Engineering & Radiation Health Physics

College of Forestry

College of Sciences

Department of Biochemistry and Biophysics

Department of Chemistry

Department of Mathematics

Department of Microbiology

Department of Statistics

Department of Integrative Biology (Zoology)

## **University of Oregon**

Department of Biology

Department of Chemistry

## **San Diego Chapter**

### **San Diego State University**

College of Sciences

Department of Astronomy

Department of Biology

Cell & Molecular Biology

Ecology

Conservation and Restoration Ecology

Coastal Marine Ecology

Ecosystem Ecology and Global Change

Evolutionary Biology

Systematic biology

Evolutionary process

Integrative biology

Department of Chemistry & Biochemistry

Analytical Chemistry

Physical Chemistry

Inorganic Chemistry

Chemical Biology

Organic Chemistry

- Cellular and Systems Biochemistry
- Molecular and Structural Biophysics
- Department of Computer Sciences
- Department of Geological Sciences
  - Geophysics, Earthquake Science, Applied Geophysics
  - Earth Systems History
  - Earthquake Science
  - Geochemistry and Tectonics
  - Hydrogeology
  - Structure, Visualization, and Tectonics
- Department of Mathematics & Statistics
  - Mathematics, Applied Mathematics, and Statistics
  - Computational Science
  - Computational Statistics
- Department of Physics
  - Bioinformatics & Medical Informatics (Degree Granting Programs)
  - Computational Sciences Research Center (Degree Granting Programs)
  - Environmental Sciences (Degree Granting Programs)
- College of Engineering
  - Department of Aerospace Engineering & Engineering Mechanics Engineering Science (Aerospace and Mechanical)
  - Department of Civil, Construction and Environmental Engineering
    - Civil Engineering
    - Construction Engineering
    - Engineering Science (Bioengineering)
    - Environmental Engineering
  - Department of Electrical and Computer Engineering
    - Electrical Engineering
    - Engineering Science (Electrical and Computer)
  - Department of Mechanical Engineering
    - Mechanical Engineering
    - Engineering Science (Structural)

**The Scripps Research Institute**

- Kellogg School of Science and Technology Chemistry
  - Chemical
  - Biology
  - Biophysics
  - Biology Immunology

**University Of San Diego**

- School of Nursing
- Engineering

**University Of California, San Diego**

- Biological Sciences
  - Biochemistry and Cell Biology
  - Bioinformatics
  - Ecology, Behavior and Evolution
  - General Biology
  - Human Biology
  - Microbiology

- Molecular Biology
- Physiology and Neuroscience
- Jacobs School of Engineering
  - Bioengineering
  - Bioinformatics
  - Chemical Engineering
  - Computer Science and Engineering Department:
    - Computer Engineering
    - Computer Sciences
- Electrical and Computer Engineering Department (with specialization in):
  - Applied Ocean Sciences
  - Applied Optics and Photonics
  - Communication Theory and Systems
  - Computer Engineering
  - Electronic Circuits and Systems
  - Electronic Devices and Materials
  - Intelligent Systems, Robotics and Control
  - Signal and Image Processing
  - Materials Science & Engineering Group
  - Mechanical & Aerospace Engineering
  - Nano-engineering
  - Structural Engineering
- Physical Sciences
  - Chemistry and Biochemistry
    - Analytical Chemistry
    - Cellular and Systems Biochemistry
    - Chemical Biology
    - Inorganic Chemistry
    - Molecular & Structural Biophysics
    - Organic Chemistry
    - Physical Chemistry
  - Mathematics
  - Physics
- School of Medicine
  - Biomedical Science
  - Epidemiology
  - Molecular Pathology
  - Neurosciences Program
  - Pharmacology (Pharm D./Ph.D. )
  - Public Health (JDP)
  - Health Behavior (JDP)
- Scripps Institute of Oceanography
  - Applied Ocean Science
  - Biological Oceanography
  - Geological Sciences
  - Geophysics
  - Climate Sciences
  - Marine Biology
  - Marine Chemistry and Geochemistry
  - Physical Oceanography

## Seattle Chapter

### **University of Washington**

- College of Arts & Sciences
  - Applied Mathematics
  - Astronomy
  - Biology
  - Chemistry
  - Mathematics
  - Physics
  - Statistics
- College of Engineering
  - Aeronautics & Astronautics
  - Chemical Engineering
  - Civil & Environmental Engineering
  - Computer Science & Engineering
  - Electrical Engineering
  - Industrial Engineering
  - Materials Science & Engineering
  - Mechanical Engineering
- School of Dentistry
  - Oral Biology
- School of Environmental and Forest Sciences
  - School of Aquatic & Fishery Sciences
  - School of Oceanography
  - Earth & Space Sciences
  - School of Forest Resources
  - Atmospheric Sciences
- Graduate School (Interdisciplinary)
  - Molecular & Cellular Biology
  - Neurobiology & Behavior
  - Pathobiology
  - Quantitative Ecology & Resource Management (QERM)
- School of Medicine
  - Medical Scientist Training Program (MSTP)
- School of Nursing
- School of Pharmacy
- School of Public Health
  - Biostatistics
  - Environmental Health
  - Epidemiology
  - Institute for Public Health Genetics

### **Washington State University**

- College of Veterinary Medicine
  - Global Animal Health
  - Molecular Biosciences
  - Neuroscience
  - Pharmacology and Physiology (VCAPP)
  - Veterinary and Comparative Anatomy
  - Veterinary Clinical Sciences

College of Agriculture, Human and Natural Resource Sciences  
Animal Science  
Crop and Soil Sciences  
Entomology  
Molecular Plant Sciences  
Plant Pathology

### **Tampa Bay Chapter**

#### **University Of South Florida**

College of Arts and Sciences  
Moffitt Cancer Center  
Cancer Biology  
College of Marine Science  
Marine Science Graduate Program

### **Utah Chapter**

#### **University of Utah**

College of Engineering  
Bioengineering  
Chemical Engineering  
Civil & Environmental Engineering  
Electrical & Computer Engineering  
Materials Science & Engineering  
Mechanical Engineering  
  
School of Computing  
School of Medicine  
Department of Ophthalmology/Moran Eye Center