



CAREERS IN MICROBIOLOGY

Southern California Branch of American Society for Microbiology

Useful **LINKS** ↗

***Supplemental material for *The Careers in Microbiology Brochure*.** If you would like a copy of the brochure or would like to add a useful link to any of the categories listed, please email us at scasmstudents@gmail.com

ACADEMIA/ACADEMIC RESEARCH Useful **LINKS** ↗ AA

1. **List of Top Universities to Study Microbiology**
<https://www.usnews.com/education/best-global-universities/microbiology>
2. **Oak Ridge Institute for Science and Education (ORISE)** - <https://orise.orau.gov/>
3. **Micronow** - <https://micronow.org/>
4. **American Society for Microbiology (ASM)** - <http://journals.asm.org/> ;
<http://asmscience.org/content/journal/jmbe> ;
<https://www.asm.org/index.php/graduate-school> ; <https://www.asm.org/index.php/asm-career-portal> ; <https://www.asm.org/index.php/in-the-classroom> ;
<https://www.asm.org/index.php/asm-career-portal>
5. **School of Biological Sciences at UCI Minority Science Programs (MSP)** -
<http://port.bio.uci.edu/about/>
6. **Bridges to PhD Programs (Bachelors to PhD)** - <http://port.bio.uci.edu/external-links/>
7. **Drexel University School of Medicine Summer Undergraduate Research Fellowship** -
<http://drexel.edu/medicine/research/student-research/summer-undergraduate-research-fellowship/>
8. **Boyce Thompson Institute Internships** - <https://btiscience.org/education-outreach/internships/>

9. **Harvard University Division of Medicine Diversity Program Summer Undergraduate Research Program** - <http://dms.hms.harvard.edu/diversity/summer/SHURP.html>
10. **Loma Linda University Undergraduate Summer Internship** - <https://medicine.llu.edu/chdmm/education-and-training/undergraduate-training-program>
11. **John Hopkins University School of Medicine Summer Internship** - <https://www.hopkinsmedicine.org/education/graduate-programs/student-life/diversity/sip.html>
12. **Pasteur Foundation Internship/ Fellowship Program** - <http://www.pasteurfoundation.org/scientific-careers>
13. **Scripps Research Institute** - <https://education.scripps.edu/>
14. **UCLA Amgen Scholar Program** - <http://www.ugresearchsci.ucla.edu/amgenscholars.htm>
15. **University of Alabama Biomedical Summer Internship** - <http://www.uab.edu/medicine/sibs/>
16. **University of Pittsburg Biomedical Graduate Program** - <http://gradbiomed.pitt.edu/programs/molecular-virology-microbiology>
17. **University of Texas Undergraduate Fellowship** - <http://www.utsouthwestern.edu/education/graduate-school/programs/non-degree-programs/surf.html>
18. **University of California Institute for Mexico and the United States (UC MEXUS) Undergraduate, Graduate, Fellowship Program** - <http://ucmexus.ucr.edu/>
19. **SEA-PHAGES (Science Education Alliance-Phage Hunters Advancing Genomics and Evolutionary Science)** - <https://seaphages.org/>
20. **UCSD Extension** - <https://extension.ucsd.edu/courses-and-programs/sciences>

BIOTECHNOLOGY Useful **LINKS** **BY**

1. **List of Diagnostic Biotechnology Companies**
<https://biopharmguy.com/links/company-by-location-diagnostics.php>
<https://www.biospace.com/article/top-10-companies-leading-biotech/>

2. **National Center for Biotechnology Information (NCBI)**
<https://www.ncbi.nlm.nih.gov/>
3. **Biotechnology Institute**
<http://www.biotechinstitute.org/go.cfm?do=page.view&pid=5>
4. **Internships**
Amgen - <https://www.amgenbiotechexperience.com/> ; <http://www.amgenscholars.eu/us-program>
Cepheid - <http://www.cepheid.com/us/careers/career-opportunities/internship-opportunities>
Genentech - <https://www.gene.com/careers/university-and-early-career/interns-co-ops> ;
<https://www.gene.com/careers/university-and-early-career/rotation-programs>
Roche - <https://www.roche.com/careers/country/usa.htm>
5. **Apprenticeship and Employment Recruiting Agency** - <https://meirxrs.com/> ;
 Contact Lewie Casey at lcasey@meirxrs.com
6. **Center for Microbiome Innovation** - <http://cmi.ucsd.edu/>
7. **UCSD Extension** - <https://extension.ucsd.edu/courses-and-programs/sciences>
8. **UCLA Amgen Scholar Program** - <http://www.ugresearchsci.ucla.edu/amgenscholars.htm>
9. **University of Alabama Biomedical Summer Internship** - <http://www.uab.edu/medicine/sibs/>
10. **University of Pittsburg Biomedical Graduate Program** -
<http://gradbiomed.pitt.edu/programs/molecular-virology-microbiology>

CLINICAL Useful **LINKS** ✨ CL

1. **California Clinical Laboratory Scientist (CLS) Trainee License (Bachelors/Masters Level)** - academic coursework, clinical training, and work experience.
<https://www.cdph.ca.gov/Programs/OSPHLD/LFS/Pages/CLS-Trainee.aspx>
2. **California Clinical Microbiologist license (Doctoral Level)** - academic coursework, clinical training, and work experience.
<https://www.cdph.ca.gov/Programs/OSPHLD/LFS/Pages/Director-Microbiologist.aspx>
3. **The American Board of Medical Microbiology (ABMM)** certifies doctoral-level microbiologists to direct medical and public health microbiology laboratories
<https://www.asm.org/index.php/abmm-about>

4. **California Medical Laboratory Technician (MLT) license (Associate Level)** - academic coursework, clinical training, and work experience.
<https://www.cdph.ca.gov/Programs/OSPHLD/LFS/Pages/MLT.aspx>

5. **California Approved Training Schools and Programs-** Clinical Laboratory Scientist (CLS), Medical Laboratory Technician (MLT), and Phlebotomy
<https://www.cdph.ca.gov/Programs/OSPHLD/LFS/Pages/TrainingPrograms.aspx>

6. **American Society for Microbiology**
<https://www.asm.org/>

7. **Antimicrobial Stewardship “Promoting Responsible Use of Antimicrobials”**
 - a. **Center for Disease Control (CDC)** - <https://www.cdc.gov/drugresistance/solutions-initiative/antibiotic-stewardship.html>
 - b. **World Health Organization (WHO)** - <http://www.who.int/antimicrobial-resistance/en/> ;
<http://www.who.int/campaigns/world-antibiotic-awareness-week/2017/social-media/en/>
 - c. **bioMerieux** - <http://www.antimicrobial-resistance.biomerieux.com/>
 - d. **John Hopkins Medical Center** - <https://www.hopkinsmedicine.org/amp/>
 - e. **The Infectious Diseases Society of America (IDSA)** - <http://www.idsociety.org/Index.aspx>
 - f. **The Society for Healthcare Epidemiology of America (SHEA)** - <https://www.shea-online.org/>

CONSULTING & MANAGEMENT Useful **LINKS** ✎ CM

Not Available

INFECTION CONTROL/BIOSAFETY Useful **LINKS** ✎ IC

1. **American Biological Safety Association (ABSA)** - <https://absa.org/>

2. **Association for Professionals in Infection Control and Epidemiology (APIC)** - <https://apic.org/> ;
<http://professionals.site.apic.org/>

3. **Certification Board of Infection Control and Epidemiology (CBIB)**
 - <http://www.cbic.org/certification/candidate-handbook/eligibility-requirements>

INDUSTRIAL & ECOLOGICAL Useful **LINKS** ✎ IV

1. **Society for Industrial Microbiology and Biotechnology (SIMB)** - <http://www.simbhq.org/careers/career-information/>
2. **American Society for Microbiology (ASM) - CERTIFICATION** - <https://www.asm.org/index.php/professional-certification/nrcm>
3. **International Society for Microbial Ecology (ISME)** - <https://www.isme-microbes.org/jobs>
4. **Center for Microbiome Innovation** - <http://cmi.ucsd.edu/>
5. **NIAID Microbiome Program** - <https://www.niaid.nih.gov/research/microbiome-program>
6. **NIH Human Microbiome Project** - <https://hmpdacc.org/>
7. **UCLA Microbiome Center** - <http://www.microbiome.ucla.edu/>
8. **NIH Common Fund's Human Microbiome Project (HMP)** - <https://commonfund.nih.gov/hmp>
9. **UCI Microbiome Initiative** - <http://microbiome.uci.edu/about/>

REGULATORY AGENCIES Useful **LINKS** ✎ RA

1. **Center for Disease Control (CDC)** - <https://jobs.cdc.gov/career-fields> ; <https://jobs.cdc.gov/Internship> - <https://jobs.cdc.gov/students>
2. **U.S. Department of Agriculture (USDA)** - <https://www.usda.gov/our-agency/careers>
Internship - <https://www.dm.usda.gov/employ/student/index.htm>
3. **Environmental Protection Agency (EPA) - Internship** - <https://www.epa.gov/careers>
4. **Federal Drug Association (FDA)** - <https://www.fda.gov/AboutFDA/WorkingatFDA/default.htm>
Internship - <https://www.fda.gov/aboutfda/workingatfda/fellowshipinternshipgraduatefacultyprograms/>
5. **National Institute of Health (NIH)** - <https://www.nih.gov/>
Internship - <https://www.nih.gov/research-training>
6. **World Health Organization (WHO)** - <http://www.who.int/careers/en/>

7. **Pan American Health Association (PAHO)** -
http://www.paho.org/hq/index.php?option=com_content&view=article&id=1357&Itemid=1213&lang=en
8. <http://www.csuperb.org/csubiocompass/csu-biocompass-home/csu-life-science-industry-responsive-programs/regulatory-affairs/>

PUBLIC HEALTH Useful **LINKS** PH

1. **California Public Health Microbiologist (PHM)** - training and certification
<https://www.cdph.ca.gov/Programs/OSPHLD/LFS/Pages/PublicHealth.aspx>
2. **California Association of Public Health Laboratory Directors (CAPHLD) Laboratory Listing** -
http://websites.networksolutions.com/share/scrapbook/74/745076/Laboratory_Listing_Report.pdf
3. **California Association of Public Health Laboratory Directors (CAPHLD)** -
<http://www.caphld.org/>
4. **Association of Public Health Laboratories (APHL)** - <https://www.aphl.org/Pages/default.aspx>
5. **California Department of Public Health (CDPH) Careers** -
<https://www.cdph.ca.gov/Programs/HRB/Pages/HumanResourcesBranch.aspx>
6. **California Department of Public Health Internships** -
<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Immunization/VIP.aspx>
7. **American Public Health Association (APHA)** - <https://www.apha.org/professional-development>
8. **CDC Disease Detectives- Public Health Responders** - <https://www.cdc.gov/eis/index.html>
9. **CDC Public Health Grand Rounds** -
https://www.cdc.gov/cdcgrandrounds/?s_cid=grandrounds_002
10. **CDC Global Health** - <https://www.cdc.gov/globalhealth/index.html>
11. http://www.caphld.org/images/PHM_Training_FAQ_2015.pdf
12. <https://www.apha.org/professional-development/public-health-careermart/schools-of-public-health>

13. <https://www.cdc.gov/publichealth101/index.html>

14. <https://www.cdc.gov/fellowships/index.html>

15. <https://www.cdc.gov/careerpaths/index.html>

Epidemiologist/Bioinformatics:

16. <https://www.bls.gov/ooh/life-physical-and-social-science/epidemiologists.htm#tab-1>

17. <https://www.cdc.gov/eis/downloads/epidemiology-factsheet.pdf>

18. <https://www.cdc.gov/eis/downloads/eis-faq.pdf>

19. <https://www.cdc.gov/fellowships/index.html>

20. <https://www.cdc.gov/publichealth101/index.html>

21. <https://www.cdc.gov/careerpaths/index.html>

22. <http://www.csuperb.org/csubiocompass/csu-biocompass-home/csu-life-science-industry-responsive-programs/biological-medical-and-health-informatics/>

If you're interested in **INFECTIOUS DISEASE, MEDICAL
MICROBIOLOGY OR PUBLIC HEALTH...**

Check these links out

1. <http://www.healthmap.org/en/>
2. <http://mycosesstudygroup.org/>
3. <https://www.cdc.gov/dpdx/az.html>
4. https://www.sciencedaily.com/news/health_medicine/
5. <http://www.med-chem.com/parasite.php?url=home>
6. <https://mycology.adelaide.edu.au/virtual/>
7. http://www.uphs.upenn.edu/bugdrug/antibiotic_manual/Gramstains/small/tocframeset1.htm
8. <https://www.microbes.info/>
9. <https://www.cdc.gov/outbreaks/>
10. <https://www.ncbi.nlm.nih.gov/pubmed/>
11. <https://www.cdc.gov/mmwr/index.html>
12. <http://www.nejm.org/>
13. <https://wwwnc.cdc.gov/eid/>
14. <http://www.asv.org/>
15. <http://www.asm.org/>
16. <https://www.ncbi.nlm.nih.gov/>
17. <http://www.microbiologyresearch.org/>
18. <https://www.cellsalive.com/>
19. <http://www.scicentral.com/index.html>
20. <http://microbiologyonline.org/>
21. http://www.virology.net/Big_Virology/BVHomePage.html
22. <http://microbiologymatters.com/>
23. <http://parasitewonders.blogspot.com/?m=1>

Cool MEDICAL MICROBIOLOGY PODCASTS

<https://micronow.org/>

<http://www.microbe.tv/science-shows/>

<https://www.asm.org/index.php/podcasts>

<https://www.asm.org/index.php/public-outreach/microbes-after-hours>

SCASM Student Membership

If you're interested in SCASM student membership, please visit the following link

<https://www.scasm.org/membership/become-a-member>

Annual membership for students is \$7. Student membership provides students with discounts on SCASM events and conferences.