



## Astronaut Health: Science Education Resources

### NLM HEALTH INFORMATION RESOURCES

- MedlinePlus – 1,000 health topics in English and Spanish: [www.medlineplus.gov](http://www.medlineplus.gov)
- Historical Anatomies on the Web:  
[www.nlm.nih.gov/exhibition/historicalanatomies/bougle\\_home.html](http://www.nlm.nih.gov/exhibition/historicalanatomies/bougle_home.html)
- PubMed Central: [www.ncbi.nlm.nih.gov/pmc](http://www.ncbi.nlm.nih.gov/pmc)
- NCBI Bookshelf: [www.ncbi.nlm.nih.gov/books](http://www.ncbi.nlm.nih.gov/books)
- GeneEd: <https://geneed.nlm.nih.gov/>
- Genetics Home Reference: [ghr.nlm.nih.gov](http://ghr.nlm.nih.gov)
- Harry Potter's World: Renaissance Science, Magic, and Medicine:  
[www.nlm.nih.gov/exhibition/harrypottersworld/index.html](http://www.nlm.nih.gov/exhibition/harrypottersworld/index.html)
- NNLM MAR K-12 Resources page: [nmlm.gov/mar/guides/k12-resources](http://nmlm.gov/mar/guides/k12-resources)

### NIH HEALTH INFORMATION RESOURCES

- National Institute of Mental Health (NIMH): [www.nimh.nih.gov/index.shtml](http://www.nimh.nih.gov/index.shtml)
- National Heart, Lung, and Blood Institute (NHLBI): [www.nhlbi.nih.gov](http://www.nhlbi.nih.gov)
- National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS):  
[www.niams.nih.gov](http://www.niams.nih.gov) and Kids page: <https://www.niams.nih.gov/health-topics/kids>
- National Cancer Institute (NCI), SEER training modules: [www.cancer.gov](http://www.cancer.gov)
- National Eye Institute (NEI): <https://nei.nih.gov/> and Kids page: <https://nei.nih.gov/kids>

### NASA GENERAL EDUCATION RESOURCES

- NASA main page: [www.nasa.gov](http://www.nasa.gov)
- NASA Wavelength: [nasawavelength.org](http://nasawavelength.org)
- Social Media at NASA: [www.nasa.gov/socialmedia](http://www.nasa.gov/socialmedia)
- NASA for Educators: [www.nasa.gov/audience/foreducators/index.html](http://www.nasa.gov/audience/foreducators/index.html)
- Current Opportunities for Informal Educators, free webinars and other events:  
[www.nasa.gov/audience/foreducators/edu-inf-current-opps.html](http://www.nasa.gov/audience/foreducators/edu-inf-current-opps.html)  
For Educators: [www.nasa.gov/audience/foreducators/current-opps-index.html](http://www.nasa.gov/audience/foreducators/current-opps-index.html)
- NASA K-12 and Higher Education Projects:  
[www.nasa.gov/offices/education/programs/descriptions/Students-rd.html](http://www.nasa.gov/offices/education/programs/descriptions/Students-rd.html)
- Educational Resources Search Page: [www.nasa.gov/education/resources](http://www.nasa.gov/education/resources)
- NASA Education Express: [blogs.nasa.gov/educationexpress](http://blogs.nasa.gov/educationexpress)
- NASA generated lesson plans via American Geosciences Institute:  
[www.americangeosciences.org/education/nasa-triad/teacher-resources/activities](http://www.americangeosciences.org/education/nasa-triad/teacher-resources/activities)
- Astronaut Requirements:  
[nasa.gov/audience/forstudents/postsecondary/features/F\\_Astronaut\\_Requirements.html](http://nasa.gov/audience/forstudents/postsecondary/features/F_Astronaut_Requirements.html)



## HEALTH SCIENCE CAREERS

- Changing the Face of Medicine: Celebrating America's Women Physicians Grades 6-12+: [www.nlm.nih.gov/changingthefaceofmedicine/index.html](http://www.nlm.nih.gov/changingthefaceofmedicine/index.html)
- Not Invented Here LifeWorks: [nihlifeworks.org/Information/About+LifeWorks.html](http://nihlifeworks.org/Information/About+LifeWorks.html)
- GeneEd Careers Grades 6-12+: [geneed.nlm.nih.gov/specialty.php?spageID=3](http://geneed.nlm.nih.gov/specialty.php?spageID=3)
- MedlinePlus - Health Occupations Grades 6-12+: [www.nlm.nih.gov/medlineplus/healthoccupations.html](http://www.nlm.nih.gov/medlineplus/healthoccupations.html)

## NASA ANATOMY RESOURCES FROM PRESENTATION

- Heart to Heart: [www.nasa.gov/hrp/videos](http://www.nasa.gov/hrp/videos)
- Did you know astronauts' bodies change in space? How Space Exploration Affects Astronauts' Bones, NASA.gov channel on YouTube: <https://tinyurl.com/y8wqy46a>
- NASA's Do-It Yourself Fitness Podcast: <https://tinyurl.com/yclfurnf>
- Food for Spaceflight Activity: <https://tinyurl.com/ycz8byhc>
- NASA's 21<sup>st</sup> Century Explorer: <https://education.jsc.nasa.gov/explorers/p2.html>
- Omics - Exploring Space Through You: NASA.gov channel on YouTube
- Train Like An Astronaut:  
[www.nasa.gov/audience/foreducators/trainlikeanastronaut/home](http://www.nasa.gov/audience/foreducators/trainlikeanastronaut/home)

## OTHER AUTHORITATIVE RESOURCES

- Smithsonian National Museum of American History. Anatomical Models. Body Parts: [http://americanhistory.si.edu/anatomy/bodyparts/nma03\\_bodyparts.html](http://americanhistory.si.edu/anatomy/bodyparts/nma03_bodyparts.html)
- NobelPrize.org, electrocardiogram game: [www.nobelprize.org/educational/medicine/ecg/](http://www.nobelprize.org/educational/medicine/ecg/)
- Kid's Health: [www.kidshealth.org](http://www.kidshealth.org)
- Teen's Health: <http://kidshealth.org/en/teens>
- National Sleep Foundation, Sleep for Kids: [www.sleepforkids.org](http://www.sleepforkids.org)
- Your Genome: <https://yourgenome.org>

## NLM'S NATIONAL NETWORK OF LIBRARIES OF MEDICINE

NNLM South Central Region, free resources

- Membership: [nmlm.gov/scr/members](http://nmlm.gov/scr/members)
- Training: [nmlm.gov/scr/training/schedule](http://nmlm.gov/scr/training/schedule)
- Professional Development: [nmlm.gov/scr/professional-development](http://nmlm.gov/scr/professional-development)
- Grants: [nmlm.gov/scr/funding](http://nmlm.gov/scr/funding)
- Educational Materials: [nmlm.gov/scr/order](http://nmlm.gov/scr/order)
- Blog, *The Blogadillo*: [news.nmlm.gov/scr](http://news.nmlm.gov/scr)



## Astronaut Health: Science Education Resources

### STEM/STEAM RESOURCES FOR LIBRARIANS

#### NASA

- **NASA Museum Alliance** - starting point for all informal educators who are seeking free educational resources and services (STEAM): <https://informal.jpl.nasa.gov/museum>
- **NASA @ My Library Partners** - Seventy-five public libraries were selected through a competitive application process. Library partners received materials and training to assist in educational STEM programming for all ages: <https://apply.ala.org/nasalibraries>
- **Partnerships and Collaborations with NASA for STEM Engagement and Education** - collaborating with organizations to leverage resources, reach large and diverse audiences, and achieve mutually beneficial objectives on a no-exchange-of-funds basis: <https://www.nasa.gov/education/partnerships/index.html>
- **ARISS Amateur Radio on the International Space Station** - students can speak directly with the ISS crew during scheduled contacts: <http://www.ariss.org/>

#### IMLS

National Leadership Grant, Learning Spaces in Libraries

- **Maine State Public Library** – Empowering public libraries to become science resource centers for their communities:  
[http://www.state.me.us/msl/libs/grant\\_projects/imls\\_leadership\\_grant.shtml](http://www.state.me.us/msl/libs/grant_projects/imls_leadership_grant.shtml)
- **Kitsap Regional Library (KRL)** – Make, Do, Share: Sustainable STEM Leadership in a Box:  
<http://www.krl.org/makedoshare>

#### Other Resources

- **Star\_Net** - Science Technology Activities and Resources for Libraries:  
[www.starnetlibraries.org](http://www.starnetlibraries.org)
- **Make It @ Your Library** - helping librarians realize makerspace projects in their communities: [makeitatyourlibrary.org](http://makeitatyourlibrary.org)
- **Robot Test Kitchen** - provides an entry point of simple robotics in a way Youth and Teen Librarians can understand: [robottestkitchen.com](http://robottestkitchen.com)
- **Tinker** - networking group for library staff who work—or want to work—with children, teens, and STEAM (science, technology, engineering, arts, and math):  
[tinkergroup.wordpress.com](http://tinkergroup.wordpress.com)