National Library of Medicine Resources

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National Network of Libraries of Medicine
- NLM is the world’s largest medical library.
- Pilot program at the University of Utah for HOSA MedlinePlus Ambassadors.
Medical Terminology

- MedlinePlus Dictionary
- MedlinePlus Encyclopedia
- Understanding Medical Words
Health Professions/Occupations

Find Out:
- What a typical day might involve
- Work environment
- The average salary
- Outlook for getting a job
- Types of education and/or credentialing needed
- On the job training opportunities

https://medlineplus.gov/healthoccupations.html
Health Education

- Anatomy
- Health Videos
- Health Topics
- Medical Encyclopedia
Emergency Preparedness

- MedlinePlus – Disasters
- WISER
- CHEMM
- REMM
Why we need it:

- Health literacy is essential to making informed decisions for ourselves and those we care for.
- Only 12% of adults have proficient health literacy.
- 92% of older adults have at least one chronic condition; 77% have at least two.
- The least likely source for health information is print media.
- Emerging and re-emerging health issues: Zika Virus, Ebola.

Resources

- MedlinePlus
- PubMed
- PubMed Health
- Health Statistics Resource Guide
Why we need it:

- 70% of adults take at least one medication.
- Over 1/3 of adults have difficulty following medication directions.
- Adverse drug events account for 3.5 million office visits and 1 million emergency room visits annually.
- Percent of visits involving drug therapy: 75.1%.

Resources

- DailyMed
- Dietary Supplement Label Database
- Drug Information Portal
- Pillbox
- LactMed
- National Center for Complementary and Integrative Health (NCCIH)

- Drug Information Resource Guide
Genetics/Genomics

- Why we need it:
  - Nearly all diseases or medical conditions have a genetic component (except trauma).
  - Many drugs don’t work the same for everyone (pharmacogenetics).

- Resources
  - GeneEd
  - Genetics Home Reference
    - Genetics and Genomics Subject Guide – laws and regulations; policy; ethical, legal, and social implications
Why We Need It:

– Globally, 25% of all deaths can be attributed to the environment.

– Lead poisoning is the most prevalent disease of environmental origin for children in the U.S.

– Emerging issues including nanotechnology, genetically modified plants and animals, antibiotic resistance.

Resources

– Haz-Map
– Household Products Database
– TOXMAP
Clinical Trials

- **Why We Need It:**
  - Discover what works, what works better, and what causes harm.
  - Provides opportunity for smaller scale treatments for translation to larger population base.
  - Hope.

- **Resources**
  - AIDSinfo
  - ClinicalTrials.gov
Interactive apps for biology and chemistry

- Bohr Thru
- Base Chase
Questions?

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