

# BODY WORLDS CAREERS

Fort Hill High School  
Students In Philadelphia  
Teacher: Eric VanSlyke



# Oral / Maxillofacial Surgeons

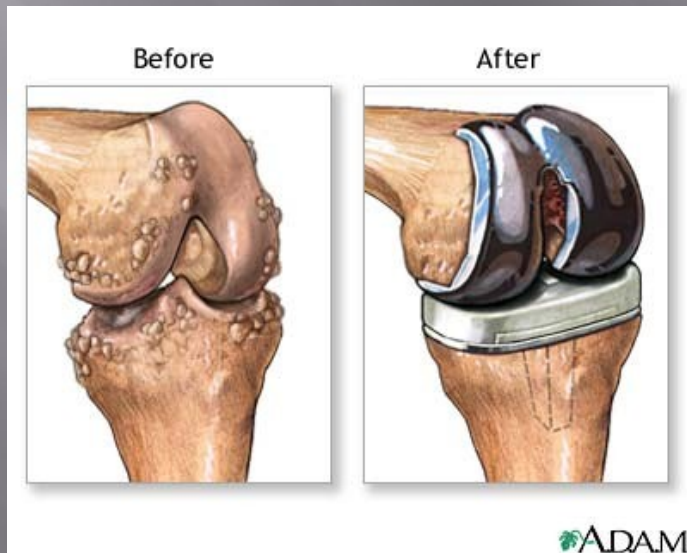
- Oral and Maxillofacial Surgery is the specialty of dentistry which includes the diagnosis, surgical and adjunctive treatment of disease, injuries and defects involving both the functional and esthetic aspects of the hard and soft tissues of the oral and maxillofacial region.
- Education: Four Years of Dental School and Four Years in a Surgical Hospital Residency.
- Such a surgeon may make \$166,400 yearly.





# ORTHOPEDIC SURGEON

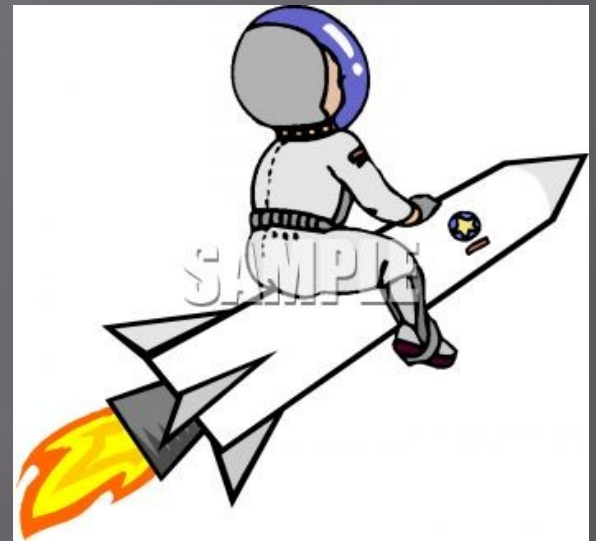
- Education: Bachelors Degree, Medical School, and 5 years of residency specializing in orthopedics
- Salary: The Average yearly income of a surgeon during to year of 2008 was \$206,770
- Job Description: Surgeons treat and correct injuries, diseases, and deformities by operating on patients. An orthopedic surgeon specialized in orthopedics, or skeletal surgery.



# Astronaut

(Commander and pilot)

- Astronaut requirements: Bachelor's degree in math, engineering, biological science, or physical science. 1000 hours of flight time in a jet aircraft. Have to pass the NASA space physical which consists of 20/100 vision or better uncorrected, 20/20 each eye corrected, 140/90 blood pressure in a sitting position, and a height between 62 and 75 inches.
- Median salary for an astronaut is \$55,000.
- The term "astronaut" derives from the Greek words meaning "space sailor," and refers to all who have been launched as crew members aboard NASA spacecraft bound for orbit and beyond.





# Aerospace Technician

- Work with air and spacecraft.
- The education of a technician is not as rigorous as an engineers.
- Recommended to have at least an associates degree in programs of engineering and hands-on learning lab work or real-world experience.
- The average technician made \$52,250 in 2004.



# Mortician

- ▣ The median salary for a mortician is \$48,592. A mortician is involved in embalming as well as the dressing of the body to make it look presentable to the family.
- ▣ Most modern day morticians hire up to three other morticians to aid in the processes of a mortician. The aid usually comes from within the family prolonging the family business and keeping the family name in the company.





# Body Worlds Career Physicist



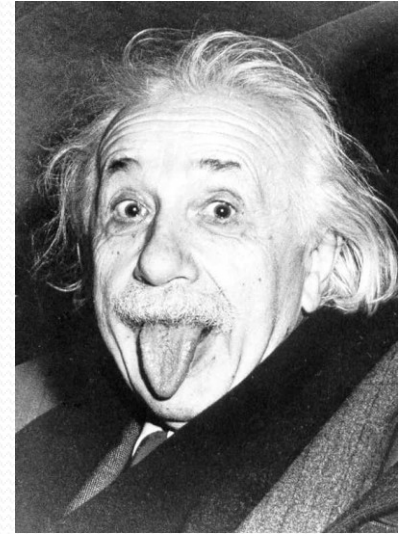
# Physicist

- A physicist is a scientist who practices or studies physics.
- They observe and study all levels of physics from sub-atomic particles to enormous universal bodies.
- Most positions require a doctoral degree. At the master's level and higher, students tend to specialize in a particular field. Sometimes post doctoral experience is also required.



# Employment

- Most physicist work at
  - Academic institutions
  - Government agencies
  - Private Companies
- The average salary for a physicist is around \$72,910 to \$117,080





# Astronomer

# ASTRONOMER

- The salary of an astronomer ranges from \$70,000 to \$140,000.
- Most astronomers have PhD in the subject. This requires anywhere from 7 to 11 years or more of schooling after high school.
- Much research must be done for the aspiring astronomer to gain a PhD. These projects must be completed for the degree and range greatly in the time that they take.
- After graduating the astronomers must write postdocs to establish themselves in the astronomy community.
- Many astronomers end up teaching the subject in a college setting or do research work at a research institution.



# MECHANICAL ENGINEER

- Mechanical engineers develop new and improved theories and methods and tools to be used.
- They go to school for their Bachelor's degree, which takes 4-5 years.
- The typical engineer starts off making \$66,320 a year.







# Gastroenterologist

By Brandon Foor

---

# What Is It and Salary

- This career is a subspecialty that deals with the digestive tract and problems within that tract.
- These doctors are trained in the diagnosis, treatment, and management of problems arising in the pancreas, liver, colon, esophagus, and stomach.
- Average salary in the U.S. is \$317,903.

# Schooling

Thirteen year minimum including classroom study and on site training. Excel and complete a four year college to enter medical school and develop skills in writing and communication. Earn a medical degree and prepare to focus on internal medicine. Complete a three year residency in internal medicine to understand how all the body organs function and relate to one another. Participation in a two to three year fellowship program is then advised as well as required on the job training courses and hands on experiences. Finally, you must learn to perform diagnostic procedures like colonoscopies.



# Event Coordinator



# Career Description

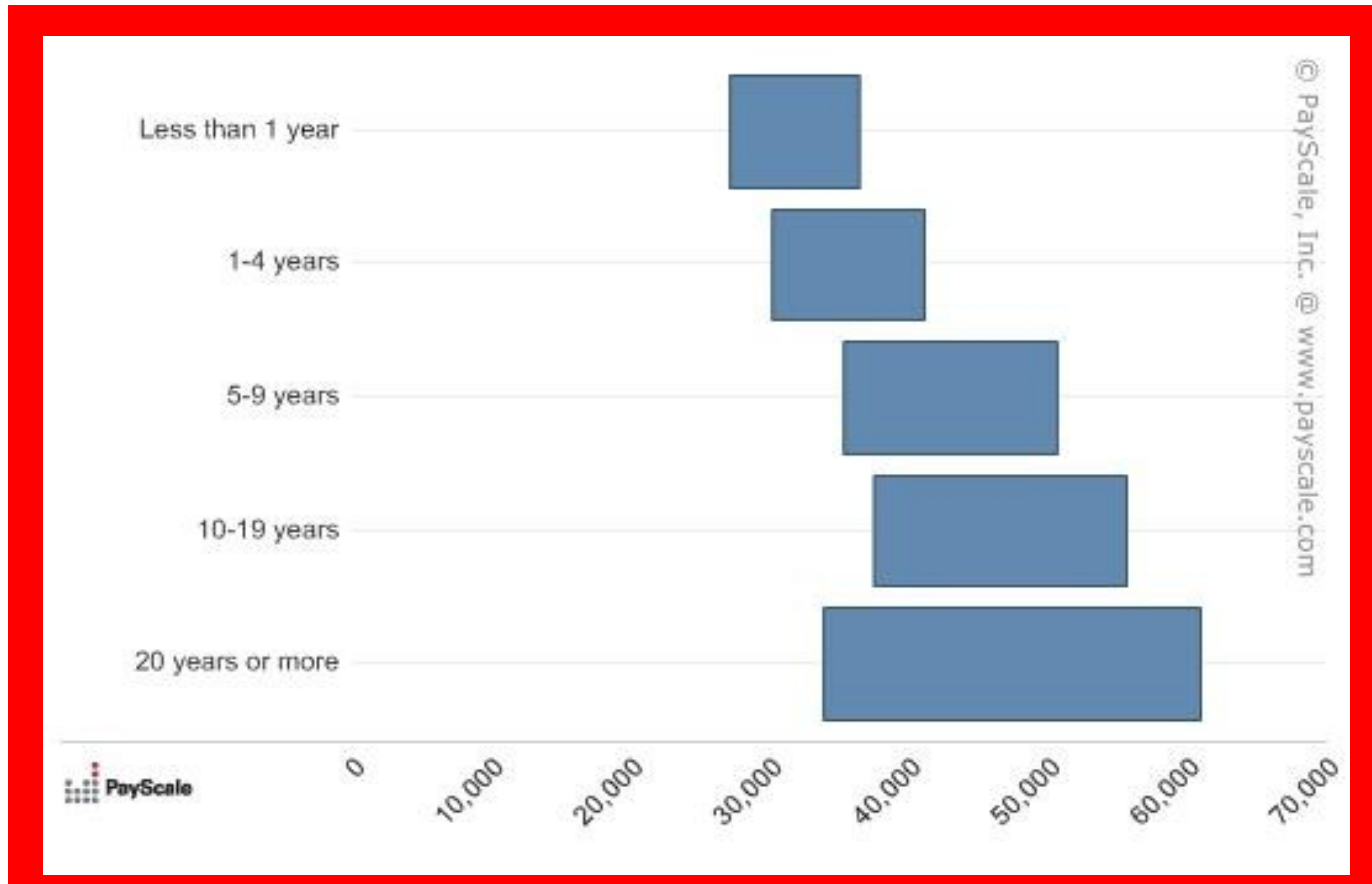
- Assist with negotiations for space contracts and book event space, arrange food and beverage, order supplies and audiovisual equipment, make travel arrangements, order event signs, and ensure appropriate décor (florals, linens, color schemes, etc.) to meet the quality expectations of the alumni association.
- Aggressively gather information on each project to achieve quality event productions.
- Conduct research, make site visits, and find resources to help staff make decisions about event possibilities.
- Create and revise room layouts for each event.
- Propose new ideas to improve the event planning and implementation process.
- Serve as liaison with vendors on event-related matters.
- Assist with managing on-site production and clean up for events as necessary.
- Prepare nametags, materials, notebooks, packages, gift bags, registration lists, seating cards, etc.
- Close out all events as required.

# Degree

- Bachelor of Science in Business/Hospitality Management
- Bachelor of Science in Business/Marketing



# Salary





# Sales Clerk

A smiling woman with dark hair is the central focus, positioned behind a counter in what appears to be a small grocery or convenience store. The background is filled with shelves of various products, including bags of snacks and canned goods. A sign with the word "Reina" is visible on the wall behind her. In the foreground, there are some items on the counter, including a large red object, possibly a piece of meat or a large vegetable, and some small containers. A blue text box with yellow text is overlaid on the lower half of the image.

They must be efficient and respectful to customers, they must be able to use the computerized cash register, and they must be able to give accurate change. They also need a calm attitude.

They don't need any degree – they get on the job training.

They make on average \$31,000 a year.

Presented by  
**BODY WORLDS**  
The Anatomical Experience  
& The Brain

OPEN YOUR MIND

