

# LET'S **TALK ABOUT** THE READING!



Office (& Crime Lat

"The Office of the Suffolk County Medical Examiner is a Division of the Department of Health Services. The 85,000 square foot facility is physically located in Hauppauge in the North County Complex off of Veterans Memorial Highway. The Division is comprised of the Pathology, Toxicology, and Crime Laboratory Sections." SCME

& Yes, we live in Suffolk County

© Case load for one day

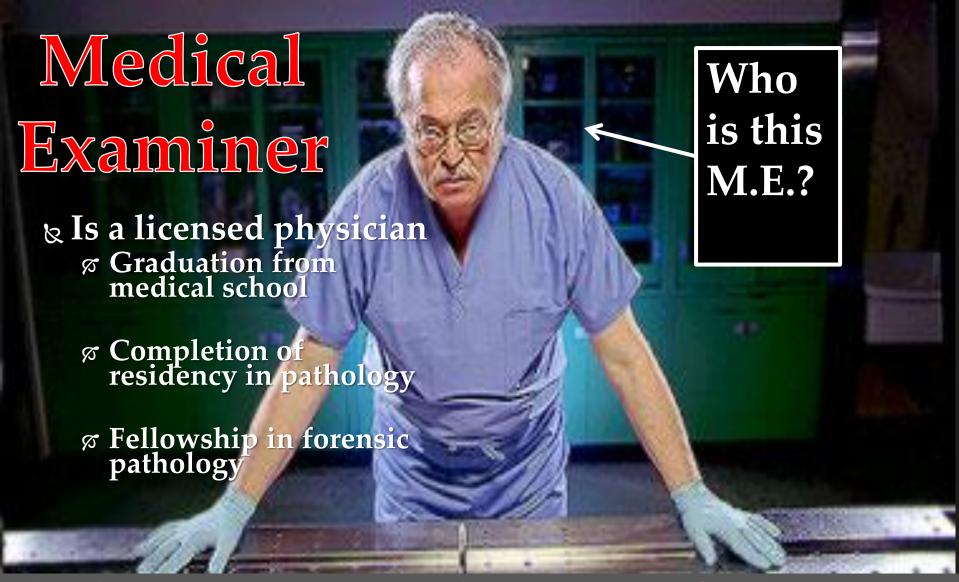
In Suffolk, there is a chief M.E. and 4 M.E.s



### **Pathology**

The medical specialty that deals with disease and the bodily changes caused by disease

"The Pathology Section investigates about 4500 deaths per year and performs about 900 autopsies per year. The Forensic Medical Investigators are all Registered Physician Assistants, and the Pathologists are fulltime Medical Examiners." SCME



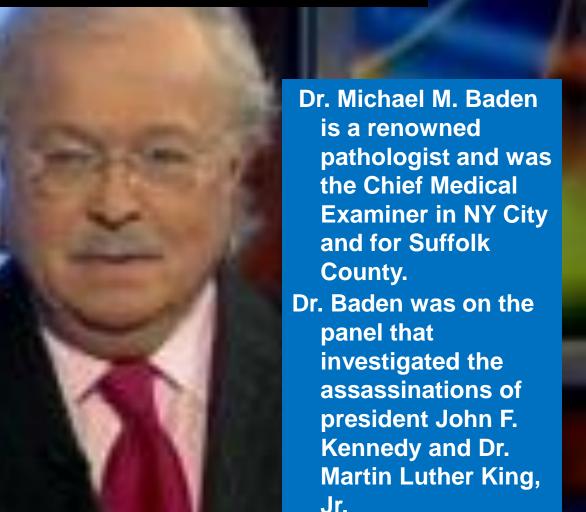
The above training requires about 9 years to finish. For example, if you graduate with an undergraduate degree at 22, you should be finishing the above training by age 31.

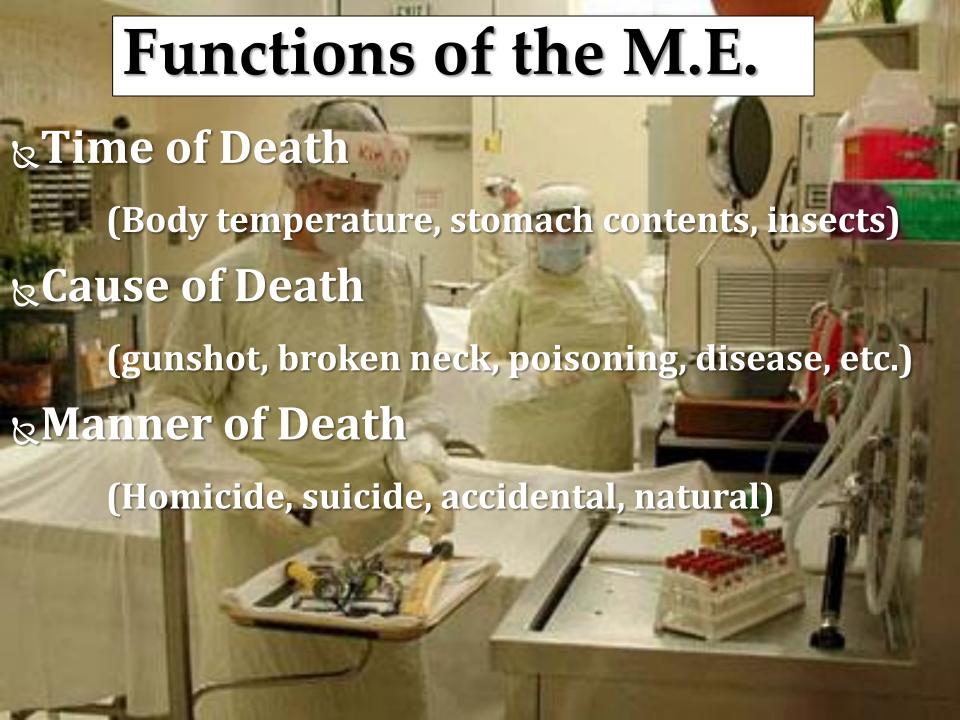
#### PEOPLE IN THE NEWS

He has been involved as an expert in forensic pathology in many cases of international interest including:

- The remains of Tsar Nicholas of Russia and his family
- The Claus Von Bulow murder trial
- Expert witness for the defense in the O.J. Simpson trial
- Re-autopsy of Medgar Evers, Civil Rights leader
- Re-examination of the Lindberg Kidnapping and murder
- Autopsies of the victims of TWA Flight 800

Dr. Baden is the host of HBO's Autopsy series and is featured on many of the crime talk shows.





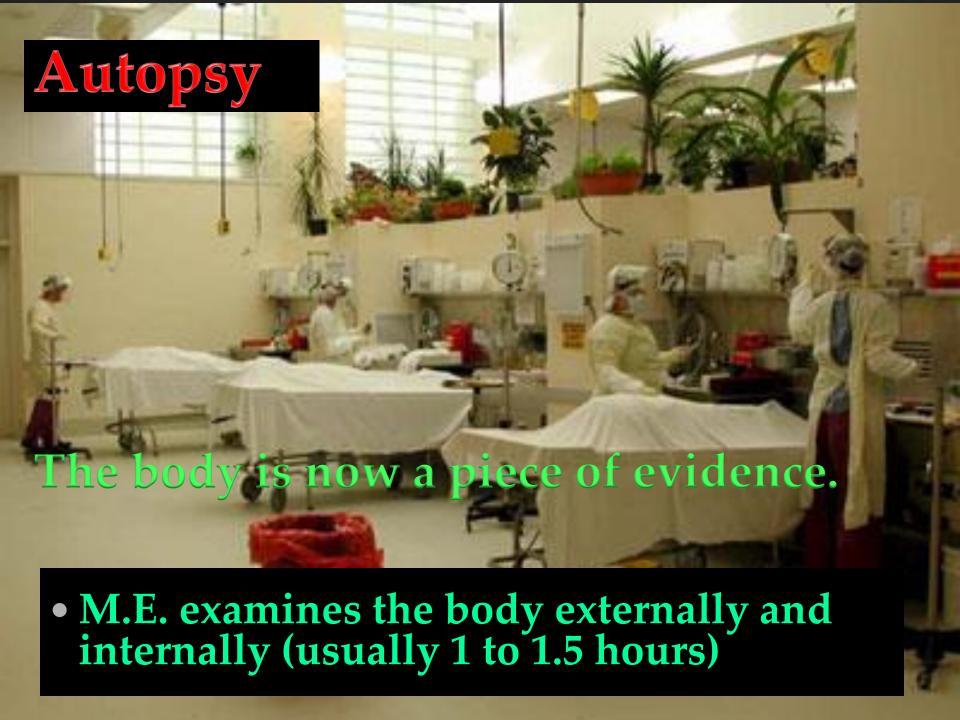


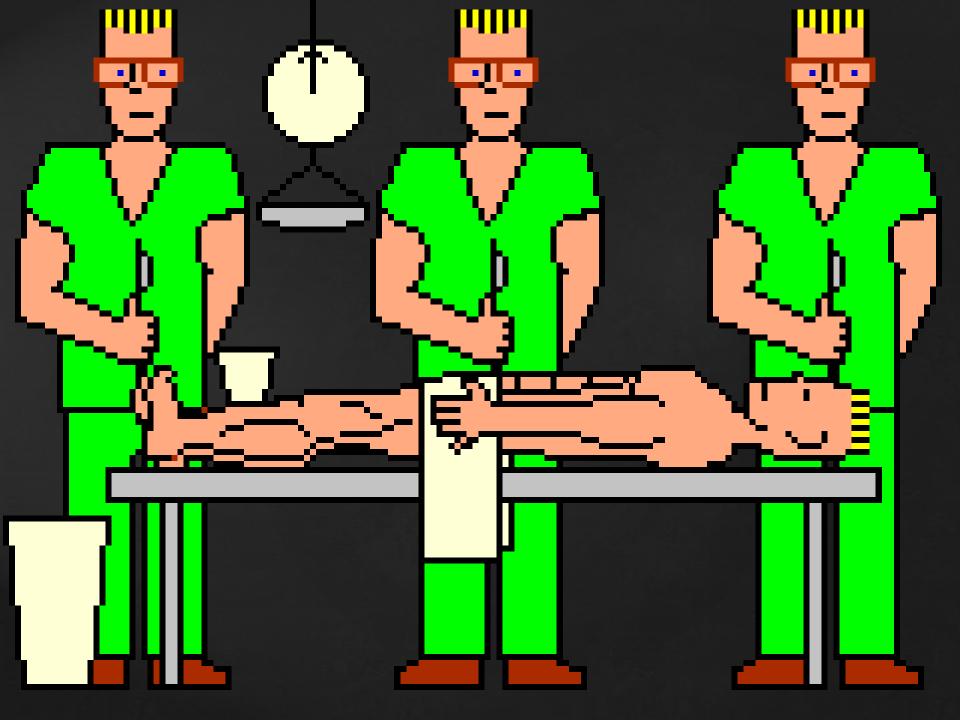
"By law, the Medical Examiner must be notified of any death which occurs suddenly and unexpectedly while the victim is in apparent good health, or whenever there is a suspicion that the death may be unnatural. Also reportable are deaths which occur in the workplace, and cases of public health interest (e.g. suspected but undiagnosed possible tuberculosis, meningococcemia, anthrax, tuleremia, etc.)." SCME

What might this be used for?











# 10 myths about the medical examiner's office

#### (courtesy of S.C. Chief Medical Examiner)

- 1) Medical examiner is a coroner
- 2) All deaths in Suffolk are reported
- 3) Only violent deaths are investigated
- 4) All bodies that come in are autopsied  $(4,537-\rightarrow1,000)$
- 5) Each medical examiner gets assigned 1 body per week

# 10 myths about the medical examiner's office

(courtesy of S.C. Chief Medical Examiner)

- ₹6) Each medical examiner has 1 assistant
- ₹7) Our "patients" do not talk to us
- №9) Autopsy interferes with viewing at the wake and will cause a delay
- №10) M.E.s are emotionally imbalanced, demoralized, and depressed a lot

#### Coroner vs. Medical Examiner

#### Coroner

- □ Elected official
- May not have medical background
- Can call on a specialist

#### Medical Examiner

- Specialist (Licensed Pathologist)
- □ Appointed

#### **Forensic Pathology:**

- Redicine Redicine
- Pathology is the study of diseases and the bodily changes caused by the diseases





## Forensic Entomology

- Entomology is a branch of biology devoted to the study of insects
- Forensic entomologists use insects as investigative aids
- By examining insects, larvae or pupae associated with a corpse, knowing the life cycle of insects, and by using the existing environmental factors, forensic entomologists can estimate the time of death

#### Forensic Odontology:

- Forensic odontologists perform two types of analyses involving the human dentition
  - ø Identify human remains by comparing premortem and postmortem dental X-rays
  - ষ্ট Bite mark comparisons (crime scene marks to known bite marks)



### PLEASE BRUSH YOUR TEETH



#### Forensic Toxicology:

- Forensic toxicologists must determine both the presence and the amounts of extraneous materials in the body

- Assist the medical examiners in determining the cause of death
- May be involved in the determination of ethanol levels in blood and breath samples

# DRUGS ARE BAD

Forensic Serology

kanalysis of bodily
fluids



#### **Fingerprints**

**kanalysis of friction** ridge patterns



#### Firearms Analysis

gun & bullet comparisons, Gunshot Residue (GSR)



#### Forensic Computer Science:



