



# Community Response to Sudden Cardiac Arrest

Norm Nedell

Resuscitation Faculty

FF/Paramedic/Dispatcher (Ret)

1969



Dr. Leonard Cobb



Chief Vickery

# Legacy



# “Moby Pig”



# “Medic Two”

- Aggressive Citizen CPR campaign
- Community Support
- Involvement- 45 – 50 %



# Medic One 2016



# Citizen CPR Training

Medic 2 program /King County

Fire Departments regionally

Private contractors affiliated with  
AHA

Emergency Response Teams



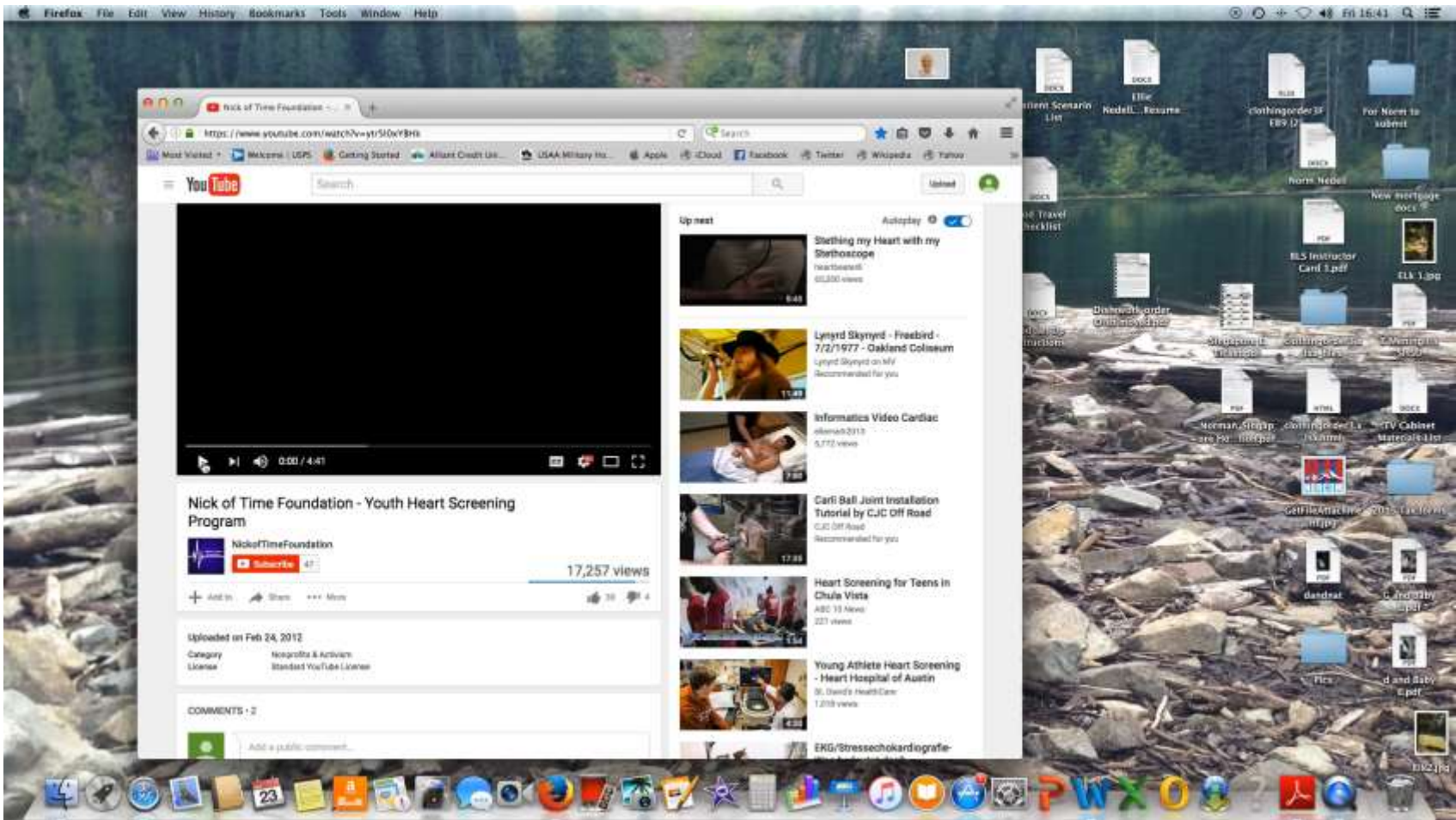




Community comes together to  
increase awareness of SCA



# Heart Screening saves lives



# Police with AED's



Why involve  
police?





**Time, time, time... time.**





**+ Emergency responders**

**+ Highly trained**

**+ Natural partners**





They're ready.



# Dispatch

- Change in protocol
  - (eavesdropping)
- Training and “buy in”
- Soft launch
  - (play radio broadcast)



# Patrol

- Culture and Labor challenges
- Feedback
- Training and “buy in”
  - (play radio broadcast)

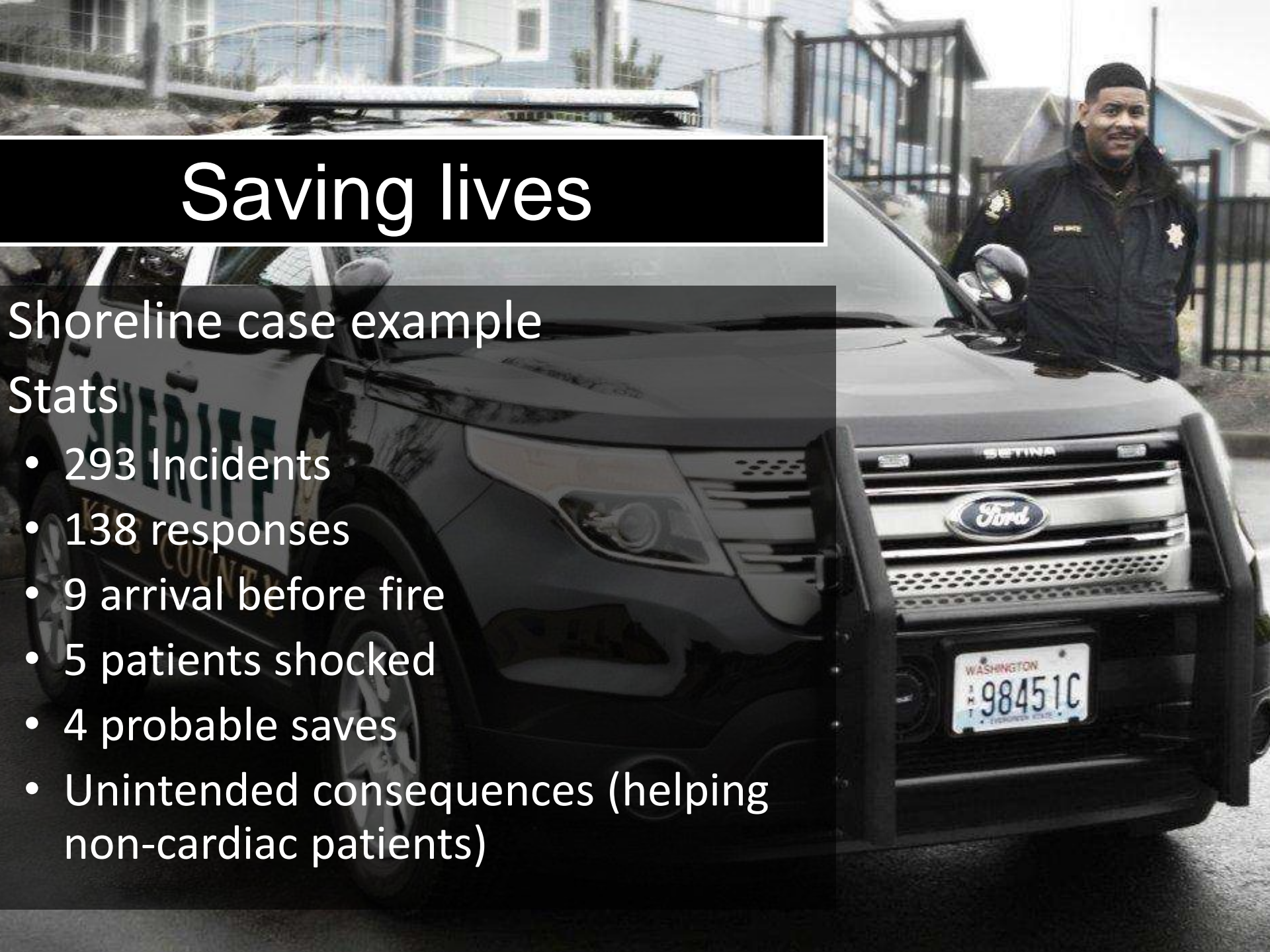


# Saving lives

Shoreline case example

Stats

- 293 Incidents
- 138 responses
- 9 arrival before fire
- 5 patients shocked
- 4 probable saves
- Unintended consequences (helping non-cardiac patients)



Technology

PulsePoint



# Seattle Fire Department

- Pulse Point Application Launched 2016



# What's most effective?

- Seattle/King County Medical Leadership
  - Telecommunicator CPR
- A Telecommunicator/Dispatcher can recognize SCA quickly
  - 60 seconds or less
  - Provide hands only CPR instructions
  - Rapid Dispatch EMS/ Police AED response

# AHA Program Recommendations

- Commitment to TCPR by Com centers and directors
- Train and provide continuing education for all telecommunicators.
- Conduct QI on ALL confirmed cardiac arrest and resuscitation is attempted
- Communication between EMS agencies and Com centers to measure and improve

# AHA Program Recommendations

- Designated Medical Director to issue protocols and coordinate between Com centers and EMS agencies.
- Recognition of outstanding performance



# The Importance of Buy-In



“  
IF YOU CAN'T  
**MEASURE IT,**  
YOU CAN'T  
**IMPROVE IT.**  
”

PETER DRUCKER



**Time, time, time... time.**



# Putting it all together

- Citizen CPR training
- CPR training in schools
- Private foundations providing funding for training, AED's, medical screening
- Police AED response
- Telecommunicator CPR/Rapid Dispatch
- Traditional Fire/EMS response

Thank You

