





# **BioResponse Action Team**

Diane Barden, BT Lab liaison

Tim Brennan, Principal micro

Gary Budnick, Supervising micro

Gene Gaynor, Micro 2

Stacey Kinney, Micro 2

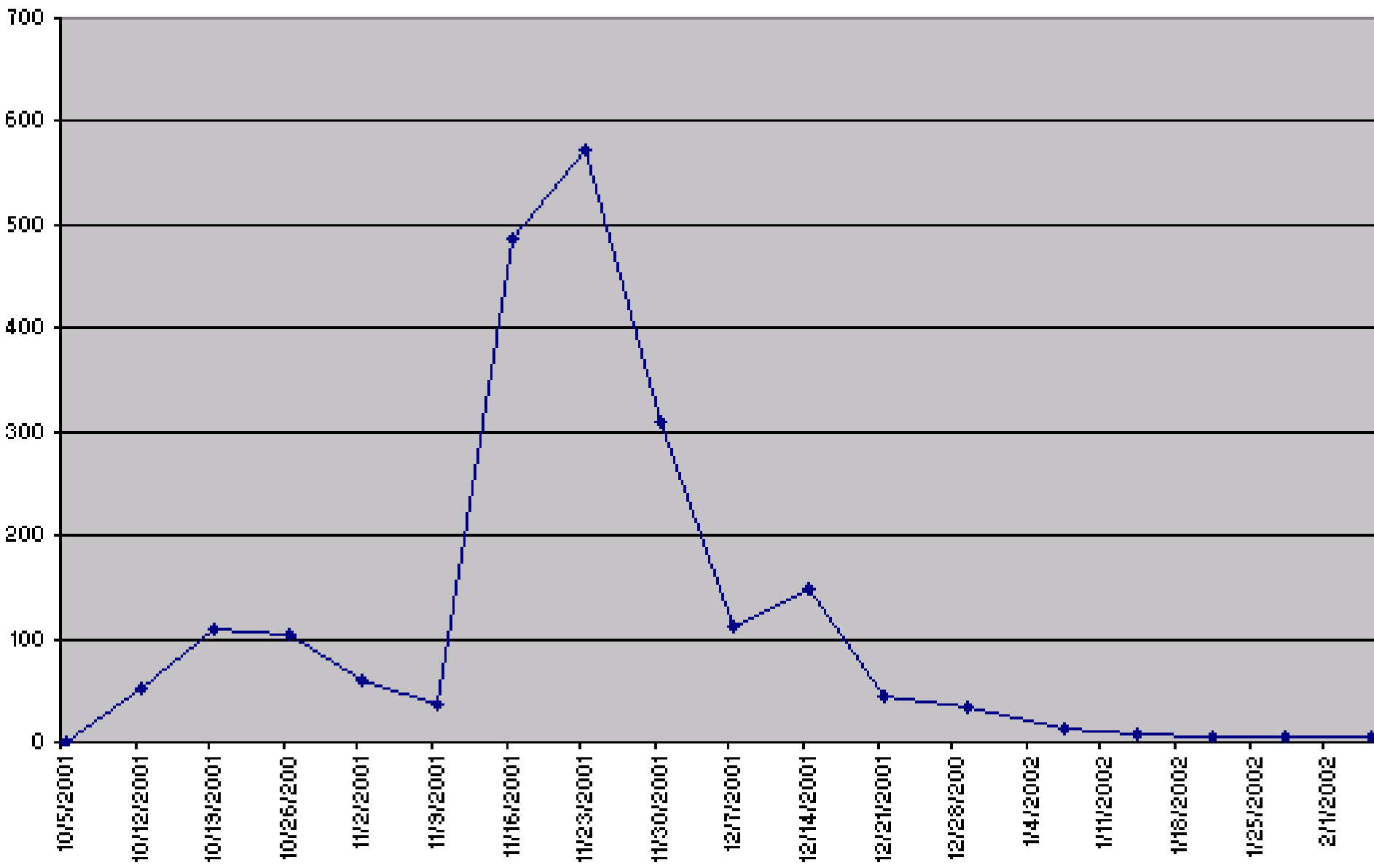
Donald Mayo, Director

Mike Ridley, Micro 2

(Mary Vance, Principal micro)

(Chip Beckwith, Principal micro)

**BT samples tested at CT State Lab**



# TYPES AND NUMBER OF SAMPLES TESTED (est.)

435 Nasal Swabs

850 Environmental Swabs

190 Envelopes or Letters

140 Powders

115 Vacuum Bags or Vacuum Socks

65 Blood Agar Plates (environmental)

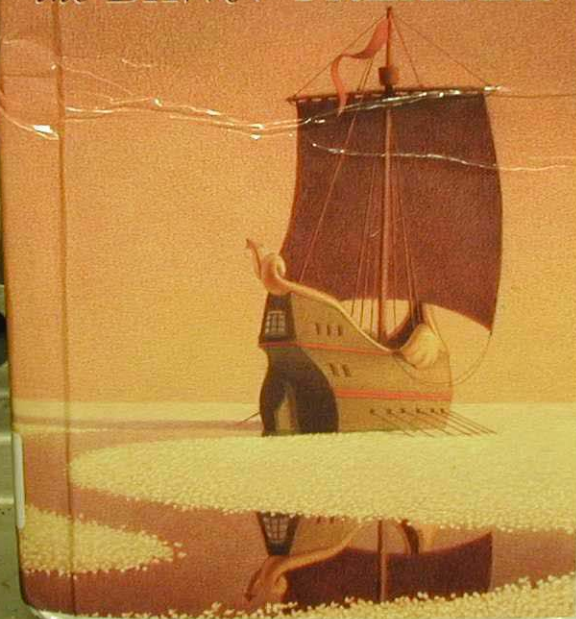
35 Swipes or Filters

250 Miscellaneous items e.g. cans, jars, magazines, animals,  
clothes, toys, phones, vials, cigarettes,  
soil, water, money, liquids, bags, etc.

**2200 TOTAL**

THE CHRONICLES of NARNIA  
C. S. LEWIS

THE VOYAGE of  
the DAWN TREADER



# Staffing Levels

M – F

Sat, Sun, Hol

FTE

RED Alert

8 – 8+

9 – 5+

6 - 8

YELLOW Alert 8 – 6:30

9 – 12

3 - 4

Stand Down 8 – 5

10 – 12 if necessary

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# CT STATE LAB: EXPERIENCE WITH ISOLATION OF B. ANTHRACIS

- 1, PATIENT
- 3, SINGLE LETTER
- 4, POST OFFICE MACHINES IN CT
- 1, POST OFFICE MACHINE IN NY
- 2, COW ISOLATES FROM LOCAL UNIV



# WHAT WORKED FOR US

## (ADMINISTRATIVELY)

- 1. Close, regular contact with FBI
- 2. Prescreening & deconning samples by FBI,  
• DEP or State Police HAZMAT
- 3. Intake (and rejection), delivery, chain of custody person
- 4. Cell Phones
- 5. Evidence Room (locked, log book)
- 6. Daily BRAT (i.e. team) meetings

# WHAT DID NOT WORK FOR US (ADMINISTRATIVELY)

- 1. Communication
- 2. Data production
- 3. Beepers

# WHAT WORKED FOR US

## ( IN THE LAB)

- 1. Cellular Fatty Acid Analysis via MIDI
- 2. Smart Cycler (Real Time) PCR
- 3. Settle plates in hoods & on bench tops & posting results for all to see
- 4. Working in pairs..1in hood, 1taking notes
- 5. HEPA filters/socks best sample method
- 6. Cooperation/communication with local labs for borrowing media, reagents

# WHAT DID NOT WORK FOR US (IN THE LAB)

- 1. FA for Capsule and Cell Wall (wet)
- 2. Wet Mounts (spores?)

# WHAT BENCH LEVEL WORKERS SHOULD KNOW:

- 1. There are many gram +, nonhemolytic,
  - nonmotile rods out there (not in-ees or out-ees)
- 2. There are strains of B. thuringiensis that
  - ‘look, feel, taste & smell’ exactly like B.
  - anthracis
- 3. ANY inhibition or abnormal Bacillus sp.
  - growth due to gamma phage should be
  - carefully examined (use light & heavy growth)