

Actors and authorities

- attorneys
- Beryllium industry in general
- Big Brother
- Brush-Wellman
- BWXT
- contracting rules
- Government
  - CDC
  - DOE~NNSA
  - Inspector General
  - NIOSH
  - NMED
  - OSHA
- Journalists
- Los Alamos Nat Labs ~LANL
  - its contract with DOE~NNSA
- Nazis
- Research Teams
  - NJC
  - Queens College
  - Univ Colorado
  - VVM (Albertini)
- sub\_contractors ~ construction busine
- unions
  - rank and file
  - right to work
- Watchdog groups
- Collateral uses
- Data Handling
  - Censored data
  - Court-ordered disclosure
  - Data privacy
  - Inclusion in medical record
  - Lost records
  - Proprietary interest in DNA
  - Record retention
- Disease compensation

Beryllium Basics

- analogies b/wr other diseases and CBD
- BES testing
- BES~CBD connection 2
- Bloodborne (specious)
- Buildings contaminated
- CBD prognosis
- Dose response
- epi data
- Industrial hygiene measurements
- Inter-individual variability
- job titles at risk or exposed
- Latency
- Medical Removal Protection Benefits
- mis\_diagnosis of CBD
- routes of exposure
- smoking and CBD
- symptoms of CBD

Clinical Encounters

- Biopsies for diagnosis
- DOL surveillance ~Denver, UPenn~
- Family members' access
- Former worker program JHU
- Los Alamos local medical community
- Medical Surveillance ~employer
- Personal physician
- Queens College
- Treatments

DNA

- genotoxicity ~very damage - specious
- heritability of suscept ~ trait ~vail
- in general
- knowledge of DNA
- Risk Numbers
  - lay
  - official
  - Over-interpretation
  - positive predictive value ~pv~

Gene testing programs

- Accuracy of reporting of test results
- Accuracy of testing
- Analogies
  - to asbestos
  - to breast cancer
  - to drug testing
  - to light duty work
  - to respirator fit shaving

- Conflict of interest
- Cost of testing & Sponsorship
- Decision-making body
- Eligibility for testing
- Enforcement of rights and laws
- Guidelines needed
- Informed consent
- Interpretation of test results
- Legislation needed

- Manda-voluntariness of testing
  - mandatory
  - conditions of manda-voluntariness
  - voluntary
- Questions re ~ gene testing
- Separation
- Testing agency
- Testing venue
- Timing of test pre- post- employment
- Trust
  - Un ~desirability of testing
  - cloning abuse
  - collateral information
  - earlier diagnosis
  - prediction
  - Pre-employment screening
  - Psychosocial stress
  - therapies - prospects for
- Worker education
- Worker incentive

|   |   |
|---|---|
| [-]  Implications of Testing                                      |   |
| [-]  "The Common Good"  |   |
| [-]  Abuse "generic" by employers                                 |   |
| [-]  Alternative employment                                       |   |
| [-]  Assumption of Risk   |   |
| [-]  Benefits of testing  |   |
| [-]  added protection   | 2 |
| [-]  autonomy   | 2 |
| [-]  health decisions   | 2 |
| [-]  longevity  | 2 |
| [-]  medicolegal_ proving causation                               | 1 |
| [-]  prevention   | 1 |
| [-]  right to know  | 1 |
| [-]  Variability in co-workers explained                          | 0 |
| [-]  Civil liberties  |   |
| [-]  Discrimination   |   |
| [-]  post-employment  | 2 |
| [-]  pre-employment   | 2 |
| [-]  Disease compensation   |   |
| [-]  Employer Notification  |   |
| [-]  Employer notification of test                                |   |
| [-]  Employer Role  |   |
| [-]  Exposure controls de-emphasized                              |   |
| [-]  Family notification of test                                  |   |
| [-]  Insurability   |   |
| [-]  Liability  |   |
| [-]  Long-term unemployment                                       |   |
| [-]  Other burdens of testing                                     |   |
| [-]  Superman syndrome  | 1 |
| [-]  Pandora  |   |
| [-]  Pre-existing condition                                       |   |
| [-]  Removal ~ Reassignment based on test                         |   |
| [-]  Retiree perspective  |   |
| [-]  Retrospective remorse over unavailability of genetic test at |   |
| [-]  Self-non_ disclosure of test results                         |   |
| [-]  Worker notification of test results                          |   |
| [-]  Faith and spirituality                                       |   |

|  |   |
|--|---|
| [-]  Name                                    |   |
| [-]  General OS&H                            |   |
| [-]  Protections                             |   |
| [-]  administrative controls                 |   |
| [-]  behaviors                               |   |
| [-]  controls - scrubbers, scaffolds         |   |
| [-]  Monitors                                |   |
| [-]  PPE and clothing                        |   |
| [-]  radiation dosimetry                     |   |
| [-]  work practices                          |   |
| [-]  Worker Educn non-genetic                |   |
| [-]  Safety                                  |   |
| [-]  future                                  |   |
| [-]  past                                    |   |
| [-]  Beryllium exposures                     |   |
| [-]  Radioactive materials                   |   |
| [-]  present                                 |   |
| [-]  radioactive materials                   |   |
| [-]  Social Context                          |   |
| [-]  Accountability                          |   |
| [-]  company town                            |   |
| [-]  economic disparities                    |   |
| [-]  environmental contamination             |   |
| [-]  ethnic communities                      |   |
| [-]  small communities                       |   |
| [-]  family                                  |   |
| [-]  Gossip                                  |   |
| [-]  Labor-management relations              |   |
| [-]  management attitudes                    |   |
| [-]  Misinformation                          |   |
| [-]  national security secrecy               |   |
| [-]  paycheck vulnerability                  |   |
| [-]  political economy of os&h               |   |
| [-]  Restricted duty                         |   |
| [-]  retaliation                             |   |
| [-]  Total Information Program enrollment in | 1 |
| [-]  workers' risk perceptions               | 3 |