Vanderbilt Career Symposium, 27July 2010

David H. Adams, Ph.D.
Clinical Research Scientist

Eli Lilly and Company
Indianapolis, IN

My career journey

Answers That Matter.

My job as Clinical Research Scientist

- Pharma, Biotech, CRO
- Phase 1
  - Phase 2
    - Phase 3
      - submission
        - launch
          - phase 4

My job as Clinical Research Scientist

- Clinical planning
  - Development strategy, dose, study population, study designs, regulatory interactions, submission plan
- Clinical trial planning, execution, and reporting
  - protocols, informed consents, study reports, regulatory submission
- Clinical trial and/or compound safety review
- Investigator training at Clinical trial start up meetings and on-going training, medical support
- Data interpretation
- Data dissemination at medical/scientific congresses and journal publications
- Scientific expertise and continued development
  - Medical congress attendance, scientific literature, networking

How I got here….

- B.S. in biology University of KY 1993 –
  - Howard Hughes Undergraduate Research Award
    - now what do I do?
- M.Ed. Secondary Ed Peabody College at Vanderbilt, 1994.
    - What was I thinking?
    - Instructor Jr. College biology and anatomy labs
    - Lab technician
- Back to school, Ph.D. Pharmacology and Toxicology University of Utah, 2001
    - What about pharmaceutical industry? Discovery?

How I got here

- Post doctoral fellowship in Division of Molecular Psychiatry, Yale University, 2002-2004
  - Lab with industry contacts
  - Now what?
  - What do I like? Data analysis and interpretation. Data assimilation with literature. Presentations. Neuroscience
- Scientific Communications Associate (medical writer) Eli Lilly and Company, 2004-2008
  - Manuscripts, pharmacogenomics initiative, protocols
  - Clinical experience
  - functional support, wanted more scientific independence
  - networking
- Clinical Research Scientist, Eli Lilly and Company, 2008-

What you need for a Clinical Research Career

- Advance degree: PhD, PharmD, MD, DVM
- Research experience
- Experimental design
- Clinical experience
- Strong analytical/critical thinking skills
- Teamwork skills
- Leadership skills
- Knowledge of drug development process