

How to Stand Out in a Crowd....of Resumes

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Background

Current position found via USAjobs in 2009

Moved from NCI, DCTD to NIAID, DMID

- Different focus: Cancer vs. Infectious Diseases**
- Common ground: Drug Development, Translational Research**

7 staff – 5 hired since 2009 (2010, 2012, 2014, 2015, 2016)

Getting Through the Primary Screen

- Use 'expertise' terms that differentiate you
 - Field of study
 - Applied sciences
 - Specialty knowledge in applied fields

Example: 2015 HSA Recruitment

A	B
Background in Genetics, in general and Human Genetics, in particular, with research concentrations in Breast Cancer and Vaccine Development. Other Cancer Biology, Genetics, Cellular & Molecular Bio	Genetics and Human Genetics
I manage a research grant portfolio in biospecimen research and cancer clinical trials, with expertise in Genomics, Proteomics, Bioinformatics, Systems Biology and translational sciences.	Human Molecular Genetics - identify novel cytokine genes for potential HIV drug development.
I am a Research Biologist/Toxicologist with >25 years experience in Academic and Government. Expertise in examining neurotoxicity/neurodegeneration, behavioral related health aspects.	Endocrinology -Reproductive, developmental and neuroendocrinology.
cognitive neuroscience, meditation, fMRI, neuroimaging, attention, mind wandering, contemplative studies, psychophysiology, cognitive assessment, psychiatry, schizophrenia, molecular, gene expression	Neuroscience
International Relations & Policy; Global Health; Pain (Cancer, Acute, Chronic); Health Disparities; PsychoSocial Influences on Disease; Predicting Outcome; Psychophysiology; Genetics, PK/PD/PG of Pain	Ph.D. in Clinical Neuropsychology, Specialized Training; Genetics; Pharmacogenomics of Pain
Emerging Infectious Disease, virology, RNA viruses, bat-borne & vector-borne dis, epidemiology, vaccine development, viral therapeutic development, molecular biology, bacteriology, micro. animal model	I obtained a PhD in an interdisciplinary program for Emerging Infectious Diseases. My training and postdoctoral
Innovative and results-oriented independent veterinary scientist with expertise in pharmacokinetic animal modeling, animal surgery and in vivo videomicroscopy imaging in pediatric cancer metastasis.	As a veterinary surgeon, my interests were in the biology of tumor metastasis such as animal biology in the
Conducted microbiological research (mainly bacteriology) and gained expertise in microbial pathogenesis, vaccine development, microbial physiology, Metabolic disorders, lipid metabolism, fatty liver disease (alcoholic and non-alcoholic), cardiovascular disease, atherosclerosis, diabetes and obesity, genetics/genomics, molecular/Cell Biology.	Ph.D. in microbiology at Cornell University, followed by microbiological research at
I am an expert in lung macrophage function and host defense against opportunistic bacterial and viral infections following autologous bone marrow transplantation.	Ph.D. in Biological Sciences
Research scientist with experience in developing, leading, and conducting multi-disciplinary scientific studies in cancer biology, toxicology, health policy, and public health.	Ph.D. in Immunology
Basic and translational/preclinical pharmacology, neuroscience, and vascular biology, with disease emphases on addiction, psychiatric illness, hypertension, stroke, and cancer.	My major field of study include biomedical research, toxicology, and colon cancer
N/A	Pharmacology
Reprogramming of somatic cells to generate induced pluripotent stem cells (iPSCs) and study the therapeutic potential of these cells by using the mouse lung injury and myocardial infarction models	N/A
Pediatric upper respiratory tract infections, transcriptional regulation, bacterial pathogenesis and animal models.	I did my PhD in Zoology with the specialization in Immunology and Inflammatory mechanism.
- Virology: Infection and oncogenesis by tumor viruses, - Immunology: T cell activation, memory, autoimmune disease, immunotherapy	My graduate studies focused on manganese-dependent regulation in Streptococcus
Biochemistry, immunology, drug development for cancer and inflammatory/autoimmune diseases, IND filing, GLP compliant bioassay and pharmacokinetics assay	Molecular Microbiology and Immunology
I have worked independently in planning, organizing, and conducting biomedical research in the fields of dermatology, inflammatory disease, cancer biology and gastroenterology (GI peptides).	Ph.D. in biochemistry; postdoctoral training in growth factor receptor pharmacology.
My areas of scientific expertise include (in order of most to modest knowledge):	I received my PhD degree in Cell and Molecular Biology. I received my PhD from the
Vascular biology, lung diseases, Cell Biology, Toxicology, Biochemistry, Molecular Biology, Physiology.	Department of Medical Molecular Microbiology & Immunology. I am a board certified toxicologist who has studied

- Applicants = 212
- Molecular Biology = 75
- Biochemistry = 70
- Cell biology = 44
- Microbiology = 35
- Infectious Disease = 20
- Translational Research = 11
- Pharmacology = 26
- Drug Development = 8
- Vaccine Development = 14
- Animal Model = 8
- Pharmaceutical = 2
- GMP, GLP, Regulatory Affairs = 2

Getting Through the Secondary Screen

Describe the accomplishments and outcomes, not just skills!

BASIC: Performed chemical synthesis, animal efficacy studies, PK sample analysis

BETTER: Designed and synthesized drug analogs and optimized dosing regimen in a model of infectious disease; developed assays used to diagnose early disease stage and to establish plasma concentrations of drug in infected animals. Data helped support first-in-human clinical trials.

Getting Through the Secondary Screen

Describe the accomplishments/outcomes, not just tasks!

K: Served on review committee

WATER: As part of review team, identified gaps in program areas; developed and implemented strategy to fill gaps which resulted in enhanced programmatic success rate.

K: Presented scientific data at conferences; described mechanism of action

WATER: Upon presenting scientific data at conference, established collaborations to further advance scientific inquiry in key areas leading to identification of target mechanism and 2 additional publications.

Interviewing

Find out as much as you can ahead of time:

- Mission**
- Commonalities; colleagues, technology**
- Future directions**

**Emphasize problem-solving, creativity,
independence**

Explain your talents and goals (be honest)

**Explain why the job attracted you and what you can
contribute**

Finally....

Relax and focus on learning