

Below is a brief listing of the most frequently asked for research categories for training applications:

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**Bioengineering**

Jim Gnatd ([gnadtjw@ninds.nih.gov](mailto:gnadtjw@ninds.nih.gov)) – Sensory systems, neuroendocrine, computational neuroscience, prosthetics  
Kip Ludwig ([kip.ludwig@nih.gov](mailto:kip.ludwig@nih.gov)) – neural prosthesis/technology, machine interface and implanted devices, nanotechnology

**Brain and Spinal Cord Injury**

Ramona Hicks ([hicksra@ninds.nih.gov](mailto:hicksra@ninds.nih.gov)) – basic, translation and clinical studies of traumatic brain injury  
Deborah Hirtz ([hirtzd@ninds.nih.gov](mailto:hirtzd@ninds.nih.gov)) – pediatric head trauma  
Scott Janis ([janiss@ninds.nih.gov](mailto:janiss@ninds.nih.gov)) – clinical trials in traumatic brain injury  
Naomi Kleitman ([kleitmann@ninds.nih.gov](mailto:kleitmann@ninds.nih.gov)) – spinal cord injury/disease, peripheral nerve repair

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**Channels, Synapses and Circuits**

Jane Fountain ([fountain@ninds.nih.gov](mailto:fountain@ninds.nih.gov)) – brain tumor, Tuberous Sclerosis, glial cell biology  
Laura Mamounas ([mamounal@ninds.nih.gov](mailto:mamounal@ninds.nih.gov)) – dendritic growth and plasticity  
Jill Morris ([jill.morris@nih.gov](mailto:jill.morris@nih.gov)) – glial development, myelination, vanishing white matter disease  
Shai Silberberg ([silberbs@ninds.nih.gov](mailto:silberbs@ninds.nih.gov)) – channels, transporters and pumps, channelopathy  
Randy Stewart ([stweartr@ninds.nih.gov](mailto:stweartr@ninds.nih.gov)) – basic structure and function of channels, structural biology  
Ned Talley ([talleve@ninds.nih.gov](mailto:talleve@ninds.nih.gov)) – synaptic transmission, plasticity, structure, development and regeneration  
Ursula Utz ([utzu@ninds.nih.gov](mailto:utzu@ninds.nih.gov)) – glial cell biology, myelin formation in the CNS

**Cognitive Neuroscience**

Deb Babcock ([dbabcock@ninds.nih.gov](mailto:dbabcock@ninds.nih.gov)) – behavioral and cognitive neuroscience, neuroimaging, CNS plasticity  
Ramona Hicks ([hickskra@ninds.nih.gov](mailto:hickskra@ninds.nih.gov)) – cognitive/emotional domains affected by TBI  
Claudia Moy ([moyc@ninds.nih.gov](mailto:moyc@ninds.nih.gov)) – epidemiology and clinical studies in cognition

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**Computational Neuroscience**

Jim Gnatd ([gnadtjw@ninds.nih.gov](mailto:gnadtjw@ninds.nih.gov)) – Sensory systems, neuroendocrine, computational neuroscience, prosthetics  
Yuan Liu ([liuyuan@ninds.nih.gov](mailto:liuyuan@ninds.nih.gov)) – computational neuroscience, neuroinformatics programs and initiatives, international activities

**Epidemiology/Biostatistics**

Peter Gilbert ([gilbert@ninds.nih.gov](mailto:gilbert@ninds.nih.gov)) – biostatistics and clinical trial design  
Claudia Moy ([moyc@ninds.nih.gov](mailto:moyc@ninds.nih.gov)) – clinical trial design, quality of life and other patient-reported outcome measures

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### **Epilepsy & Epileptogenesis**

Janice Cordell ([cordellj@ninds.nih.gov](mailto:cordellj@ninds.nih.gov)) – clinical trials and epidemiology  
Brandy Fureman ([furmanb@ninds.nih.gov](mailto:furmanb@ninds.nih.gov)) – basic, translational and clinical studies  
Deborah Hirtz ([hirtzd@ninds.nih.gov](mailto:hirtzd@ninds.nih.gov)) – pediatric epilepsy  
Randy Stewart ([stwartr@ninds.nih.gov](mailto:stwartr@ninds.nih.gov)) seizure prediction, proteomics, DNA microarrays

### **Lysosomal Storage Disease & Rare Disease**

Dan Tagle ([tagled@ninds.nih.gov](mailto:tagled@ninds.nih.gov))

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### **Neurodegeneration**

Robin Conwit ([conwitr@ninds.nih.gov](mailto:conwitr@ninds.nih.gov)) – ALS clinical trials  
Roderick Corriveau ([roderick.corriveau@nih.gov](mailto:roderick.corriveau@nih.gov)) – Alzheimer's disease, vascular dementias  
Wendy Galpern ([galpernw@ninds.nih.gov](mailto:galpernw@ninds.nih.gov)) – clinical trials and epidemiology in neurodegenerative disorders  
Amelie Gubitza ([gubitza@ninds.nih.gov](mailto:gubitza@ninds.nih.gov)) – Amyotrophic Lateral Sclerosis  
Katrina Gwinn ([Katrina.gwinn@nih.gov](mailto:Katrina.gwinn@nih.gov)) – Parkinson's disease biomarkers  
Beth-Anne Sieber ([sieberb@ninds.nih.gov](mailto:sieberb@ninds.nih.gov)) – Parkinson's disease (molecular genetics, DBS)  
Margaret Sutherland ([sutherlandm@ninds.nih.gov](mailto:sutherlandm@ninds.nih.gov)) – Parkinson's, Huntington's, Frontotemporal dementia

### **Genetic and Developmental Research**

Katrina Gwinn ([katrina.gwinn@nih.gov](mailto:katrina.gwinn@nih.gov)) – developmental disorders, clinical neurology, ethical/legal implications  
Laura Mamounas ([mamounal@ninds.nih.gov](mailto:mamounal@ninds.nih.gov)) – Tourette syndrome, signal transduction in development & repair  
Jill Morris ([jill.morris@nih.gov](mailto:jill.morris@nih.gov)) – mid-/hind-brain development/malformations, hydrocephalus, Spina Bifida  
John Porter ([porterjo@ninds.nih.gov](mailto:porterjo@ninds.nih.gov)) – muscular dystrophies, spinal muscular atrophy, inherited neuropathies  
Robert Riddle ([riddler@ninds.nih.gov](mailto:riddler@ninds.nih.gov)) – developmental neuroscience, Fragile X, Down Syndrome  
Dan Tagle ([tagled@ninds.nih.gov](mailto:tagled@ninds.nih.gov)) – resources and tools, comparative genomics, animal models, gene therapy

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### **Neuroimmunology/Autoimmune**

Ursula Utz ([utzu@ninds.nih.gov](mailto:utzu@ninds.nih.gov)) – systems lupus, multiple sclerosis  
May Wong ([wongm@ninds.nih.gov](mailto:wongm@ninds.nih.gov)) – Neuro-AIDS, infectious disease, neurovirology

### **Neuroprotection**

Francesca Bosetti ([frances@ninds.nih.gov](mailto:frances@ninds.nih.gov)) – neuroprotection and brain hypoxia/ischemia  
Robin Conwit ([conwitr@ninds.nih.gov](mailto:conwitr@ninds.nih.gov)) – clinical trials on neuroprotection and intervention.

### **Neurotoxicology/Counterterrorism**

David Jett ([jett@ninds.nih.gov](mailto:jett@ninds.nih.gov)) – NIH Counterterrorism (CounterACT) program, Molecular Libraries, neurotoxicology  
Jim Stables ([stablesj@ninds.nih.gov](mailto:stablesj@ninds.nih.gov)) – anti-convulsant screening, neurotoxicology  
David Yeung ([yeungd@ninds.nih.gov](mailto:yeungd@ninds.nih.gov)) – Counterterrorism (CounterACT) program, CounterACT R21 grants

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### **Pain**

Linda Porter ([porterl@ninds.nih.gov](mailto:porterl@ninds.nih.gov)) – Pain, pain management, neuroimaging, perception, migraine

### **Pediatric Neurology**

Deborah Hirtz ([hirtzd@ninds.nih.gov](mailto:hirtzd@ninds.nih.gov)) – clinical studies, cerebral palsy prevention, autism, head trauma, hydrocephalus

### **Rehabilitation**

Daofen Chen ([chend@ninds.nih.gov](mailto:chend@ninds.nih.gov)) – Sensorimotor functions, rehabilitation, systems based technology

### **Stem Cells**

Jane Fountain ([fountain@ninds.nih.gov](mailto:fountain@ninds.nih.gov)) – Cell growth and differentiation related to brain tumor development and treatment.

David Owens ([owensd@ninds.nih.gov](mailto:owensd@ninds.nih.gov)) – Stem and progenitor cell biology in nervous system development and function, application/treatment, tissue engineering

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### **Stroke**

Francesca Bosetti ([frances@ninds.nih.gov](mailto:frances@ninds.nih.gov)) – neuronal mechanisms, ischemic stroke, functional recovery, apoptosis and cell death

Janice Cordell ([cordellj@ninds.nih.gov](mailto:cordellj@ninds.nih.gov)) – clinical trials and epidemiology

Tom Jacobs ([jacobstw@ninds.nih.gov](mailto:jacobstw@ninds.nih.gov)) – ischemic and hemorrhagic stroke, blood brain barrier

Scott Janis ([janiss@ninds.nih.gov](mailto:janiss@ninds.nih.gov)) – clinical trials and epidemiology, cerebrovascular disease, SPOTRIAS, NETT

Claudia Moy ([moyc@ninds.nih.gov](mailto:moyc@ninds.nih.gov)) – clinical trials and epidemiology studies, aneurysm, AVMs

Joanne Odenkirchen ([odenkirj@ninds.nih.gov](mailto:odenkirj@ninds.nih.gov)) – clinical trials and epidemiology study in stroke, myasthenia gravis

Salina Waddy ([waddysp@ninds.nih.gov](mailto:waddysp@ninds.nih.gov)) – disparities intervention studies, health disparities research

### **Systems Neuroscience**

Jim Gnatd ([gnadtjw@ninds.nih.gov](mailto:gnadtjw@ninds.nih.gov)) – Sensory systems, neuroendocrine, computational neuroscience, prosthetics

Merrill Mitler ([mitterm@ninds.nih.gov](mailto:mitterm@ninds.nih.gov)) – Sleep disturbances, feeding, body weight, obesity, diabetic neuropathy

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