

NICHD Extramural Research Program

Categories and Contacts

| Division | Branch | Category/Description | Program Officer |
|----------|--------|---|-----------------------------------|
| DER | CDBB | Cognitive Development, Behavioral Neuroscience, Psychobiology | Lisa Freund |
| DER | CDBB | Disorders of Sex Development (DSD): Psychosocial, Cognitive, and Behavioral Aspects | Lisa Freund |
| DER | CDBB | Brain Development in Typical Populations | Lisa Freund |
| DER | CDBB | Neuroendocrine Correlates of the Development of Behavior, Cognition, and Social Functioning | Lisa Freund |
| DER | CDBB | Typical Language Development | Ruben Alvarez |
| DER | CDBB | Bilingualism and Biliteracy | Ruben Alvarez |
| DER | CDBB | Health Promotion/Disease Prevention | Karen Lee |
| DER | CDBB | Mathematics: Cognition, Reasoning, Learning, Development, and Disorders | Kathy Mann-Koepke |
| DER | CDBB | Reasoning: Animal Models of and Human Learning, Transfer, Typical Development, and Dysfunction | Kathy Mann-Koepke |
| DER | CDBB | Science Learning: Animal Models of and Human Cognition, Reasoning, Learning, Typical Development, Interventions and Disorders | Kathy Mann-Koepke |
| DER | CDBB | Pediatrics: Behavioral and Developmental (Risk Behaviors) | Karen Lee |
| DER | CDBB | Reading, Writing, and Related Learning Disabilities | Brett Miller |
| DER | CDBB | Dyslexia/Reading Disability | Brett Miller |

| Division | Branch | Category/Description | Program Officer |
|-----------------|---------------|--|--|
| DER | CDBB | Executive Function: Typical Development, Atypical Development, Measurement, and Interventions | James Griffin |
| DER | CDBB | School Readiness (Includes short- and long-term outcome studies and economic studies of lifespan cost savings) | James Griffin |
| DER | CDBB | Primary Care and Childcare Parent and Child Interventions | James Griffin |
| DER | CDBB | Social and Emotional Development and Child and Family Processes | Layla Esposito |
| DER | CDBB | Human–Animal Interaction | Layla Esposito |
| DER | CRB | Contraceptive Development & Evaluation (Includes: Multiple Methods, Non-Hormonal Male and Female Methods, and Other Methods Not Addressed in Other Branch Categories) | Dan Johnston |
| DER | CRB | Contraceptive Development (Includes: Contraceptive Drug Delivery Systems; Contraceptive Vaccines; Drugs Affecting Ovarian, Testicular, Sperm Function; Hormonal Methods; Intrauterine Devices [IUDs] and Related Devices; Barrier Methods; Spermicides/Microbicides; and Therapeutic Agents Used in Reproductive Health) | David Weinberg or Steven Kaufman |
| DER | CRB | Contraceptive Evaluation (Includes: Hormonal Methods, Intrauterine Devices [IUDs] and Related Devices, Barrier Methods, Spermicides/Microbicides, Contraception and Reproductive Health, and Surgical Contraception) | Dan Johnston |
| DER | DBSVB | Early Embryonic Development (Includes Energy Metabolism/Metabolomics during Development and the Biophysics and Biomechanics of Development) | Mahua Mukhopadhyay |
| DER | DBSVB | Stem Cell Biology: Differentiation and Integration Mechanisms | Mahua Mukhopadhyay |

| Division | Branch | Category/Description | Program Officer |
|-----------------|---------------|--|--|
| DER | DBSVB | Regeneration Biology: Basic Studies | Mahua Mukhopadhyay |
| DER | DBSVB | Genetics and Genomics: Developmental (in the Context of Developmental Biology & Structural Variation) | James Coulombe |
| DER | DBSVB | Gene Regulatory Networks in Development | James Coulombe |
| DER | DBSVB | Neurobiology: Developmental | Deborah Henken |
| DER | DBSVB | Neural Tube Defects (NTDs) and Neural Tube Development | Deborah Henken |
| DER | DBSVB | Organogenesis | Reiko Toyama |
| DER | DBSVB | Structural Birth Defects (except NTDs) | Reiko Toyama |
| DER | DBSVB | Systems Biology: Developmental | James Coulombe |
| DER | FI | Assisted Reproductive Technology (ART) | Esther Eisenberg |
| DER | FI | Female Reproductive Tract (Oviduct, Uterus, Vagina) | Esther Eisenberg |
| DER | FI | Fertilization | Neelakanta (Ravi) Ravindranath |
| DER | FI | Genetic and Epigenetic Control of Early Germ Cell Development and Meiosis | Susan Taymans |
| DER | FI | Stem Cell Research (Includes Embryonic, Epigenetics, Origins, and Formation; excludes Spermatogonial Germ Cells) | Neelakanta (Ravi) Ravindranath |
| DER | FI | Endometrial Function and Implantation Biology | Esther Eisenberg |
| DER | FI | Neuroendocrine Bases of Reproductive Function and Dysfunction (includes IHH) | Louis DePaolo |

| Division | Branch | Category/Description | Program Officer |
|-----------------|---------------|---|--|
| DER | FI | Oocyte and Embryo Quality and Developmental Competence | Neelakanta (Ravi) Ravindranath |
| DER | FI | Preimplantation Embryonic Genetics and Development | Neelakanta (Ravi) Ravindranath |
| DER | FI | Fertility and Infertility: Translational Research Centers | Stuart Moss |
| DER | FI | Fertility Preservation | Susan Taymans |
| DER | FI | Reproductive Medicine and Infertility (includes Infertility Disorders and Reproductive Disorders that Impact Fertility such as Endometriosis) | Esther Eisenberg |
| DER | FI | Reproductive Medicine Clinical Trials Network | Esther Eisenberg |
| DER | FI | Male Reproductive Health (Includes Testis Biology, Sperm Development and Function, and Hormone Production) | Stuart Moss |
| DER | FI | Ovarian Function and Dysfunction | Susan Taymans |
| DER | FI | Primary Ovarian Insufficiency | Susan Taymans |
| DER | FI | Polycystic Ovary Syndrome (PCOS) | Esther Eisenberg |
| DER | FI | Reproductive Behavior in the context of Fertility and Infertility | Louis DePaolo |
| DER | FI | Sex Determination and Differentiation (in the Context of Fertility and Infertility) | Susan Taymans |
| DER | FI | Training: For Reproductive Clinician- Scientists | Louis DePaolo |
| DER | FI | Training: For Graduate Students and Postdoctoral Fellows Reproductive Health | Susan Taymans |
| DER | GHDB | Pelvic Floor Disorders (Includes Urinary Incontinence) | Donna Mazloomdo |

| Division | Branch | Category/Description | Program Officer |
|-----------------|---------------|---|------------------------------------|
| DER | GHDB | Chronic Pelvic Pain/Dysmenorrhea/Vulvodynia | Candace Tingen |
| DER | GHDB | Endometriosis/Adenomyosis | Lisa Halvorson |
| DER | GHDB | Fibroids/Leiomyoma | Candace Tingen |
| DER | GHDB | Menstrual Disorders | Candace Tingen |
| DER | GHDB | Obstetrical Fistula/Female Genital Mutilation | Donna Mazloomdoost |
| DER | GHDB | Training: Women's Health (Includes the Women's Reproductive Health Research [WRHR] Program) | Lisa Halvorson |
| DER | IDDB | Autism Spectrum Disorders (ASDs) | Alice Kau |
| DER | IDDB | Brain Malformations (Includes: Microcephaly, Lissencephaly, Hydrocephaly, Neural Tube Defects, Cerebral Palsy, Other Brain Studies Not Specified in Another Category) | Melissa Parisi |
| DER | IDDB | Chromosomal Aneusomy Disorders | Melissa Parisi |
| DER | IDDB | Down Syndrome: Clinical Aspects | Tracy King |
| DER | IDDB | Down Syndrome: Basic Biology | Melissa Parisi |
| DER | IDDB | Epilepsy | Tracy King |
| DER | IDDB | Fragile X Syndrome (Excludes: Fragile X-Associated Infertility) | Tracy King |
| DER | IDDB | Genetic Syndromes (in the Context of Intellectual and Developmental Disabilities) | Melissa Parisi |
| DER | IDDB | Intellectual and Developmental Disabilities (IDD): Behavioral Studies | Alice Kau |

| Division | Branch | Category/Description | Program Officer |
|-----------------|---------------|--|--|
| DER | IDDB | Intellectual and Developmental Disabilities (IDD): Basic Mechanisms and Neurobiology | Danuta Krotoski |
| DER | IDDB | Intellectual and Developmental Disabilities (IDD): Genetics | Melissa Parisi |
| DER | IDDB | Intellectual and Developmental Disabilities (IDD): Research Centers | Melissa Parisi |
| DER | IDDB | Intellectual and Developmental Disabilities (IDD): Obesity | Tracy King |
| DER | IDDB | Intellectual and Developmental Disabilities (IDD): Sleep | Tracy King |
| DER | IDDB | Intellectual and Developmental Disabilities (IDD): Gastrointestinal disorders | Tracy King |
| DER | IDDB | Ischemic Brain Injury | Danuta Krotoski |
| DER | IDDB | Metabolic/Mitochondrial Disorders (Includes: Lysosomal Storage Diseases and Mucopolysaccharidoses) | Danuta Krotoski |
| DER | IDDB | Muscular Dystrophies (Includes Spinal Muscular Atrophy) | Danuta Krotoski |
| DER | IDDB | Newborn Screening | Melissa Parisi or Danuta Krotoski |
| DER | IDDB | Prader-Willi Syndrome (PWS) | Tracy King |
| DER | IDDB | Rare Diseases | Melissa Parisi , Danuta Krotoski , Tracy King or Alice Kau |
| DER | IDDB | Rett Syndrome/MECP2 | Melissa Parisi |
| DER | IDDB | Tuberous Sclerosis Complex (TSC) | Tracy King |

| Division | Branch | Category/Description | Program Officer |
|-----------------|---------------|---|-----------------------------------|
| DER | IDDB | Intellectual and Developmental Disabilities (IDD): SelfInjurious Behavior | Tracy King |
| DER | MPIDB | HIV/AIDS: Adolescent HIV Infection & Disease | Bill Kapogiannis |
| DER | MPIDB | HIV/AIDS: Epidemiology and Natural History of HIV Infection in Infants, Children, and Adolescents | Rohan Hazra |
| DER | MPIDB | HIV/AIDS: Epidemiology and Natural History of HIV Infection in Pregnant and Non-Pregnant Women | Nahida Chakhtoura |
| DER | MPIDB | HIV/AIDS: Perinatally Infected Youth | Rohan Hazra |
| DER | MPIDB | HIV/AIDS: Programs and Networks | Rohan Hazra |
| DER | MPIDB | HIV/AIDS: Therapeutic Research in HIV Infection in Infants, Children, Adolescents, and Pregnant & NonPregnant Women | Rohan Hazra |
| DER | MPIDB | Infectious Diseases: Non-HIV/AIDS | Rohan Hazra |
| DER | MPIDB | Zika | Nahida Chakhtoura |
| DER | OPPTB | Developmental Pharmacology | George Giacoia |
| DER | OPPTB | Pediatric Medical Devices | Katerina Tsilou |
| DER | OPPTB | Pediatric Pharmacogenetics and Personalized Medicine | Katerina Tsilou |
| DER | OPPTB | Pharmacoepidemiology: Pediatric and Obstetric | Zhaoxia Ren |
| DER | OPPTB | Pharmacology: Biomarkers | George Giacoia |
| DER | OPPTB | Pharmacology: Drug Delivery Systems and Formulations | George Giacoia |

| Division | Branch | Category/Description | Program Officer |
|-----------------|---------------|---|--|
| DER | OPPTB | Pharmacology: Mechanisms of Adverse Drug Reactions in Children | George Giacoia |
| DER | OPPTB | Pharmacology: Obstetric | Zhaoxia Ren |
| DER | OPPTB | Pharmacology: Pediatric | Perdita Taylor |
| DER | OPPTB | Pharmacology: Pediatric and Obstetric Clinical Trials | Perdita Taylor |
| DER | OPPTB | Pharmacology: Toxicology | David Siegel |
| DER | OPPTB | Training: Pharmacology | George Giacoia |
| DER | PDB | Adoption | Roz King |
| DER | PDB | Data: Data Sharing and Big Data | Regina Bures or Rebecca Clark |
| DER | PDB | Family Demography, Nuptiality: Statistical Analysis and Trends | Regina Bures |
| DER | PDB | Gene x Environment, Epigenetics, Biomarkers (Behavioral) | Roz King or Rebecca Clark |
| DER | PDB | Health Economics, Population Economics, Economic Demography | Regina Bures |
| DER | PDB | Infertility: Statistical Analysis and Trends | Roz King |
| DER | PDB | Lifecourse Health: Developmental Origins and Early Predictors of Health | Roz King , Regina Bures or Rebecca Clark |
| DER | PDB | Migration & Immigration, Spatial Demography, and GIS | Regina Bures or Rebecca Clark |

| Division | Branch | Category/Description | Program Officer |
|-----------------|---------------|--|---|
| DER | PDB | Population Composition: Race & Ethnicity, SES, Educational Attainment, Age, and Sex; Statistical Analysis and Trends | Juanita Chinn |
| DER | PDB | Population Health: Demography of Health and the Health of Populations | Juanita Chinn |
| DER | PDB | Reproductive Health, STIs including HIV/AIDS (Behavioral) | Roz King or Della White |
| DER | PDB | Career Development in Population Dynamics/Demography (Individual) | Roz King |
| DER | PDB | Training in Population Dynamics/Demography (Institutional) | Regina Bures or Rebecca Clark |
| DER | PDB | Centers: Research Infrastructure for Population Dynamics/Demography | Roz King or Rebecca Clark |
| DER | PGNB | Bone Health (Includes: Calcium Metabolism, Osteoporosis) and Bone Health-Related Training | Karen Winer |
| DER | PGNB | Diabetes (Includes: Type 1, Type 2, and Gestational) | Andrew Bremer |
| DER | PDB | Fertility: Statistical Analysis of Pregnancies and Births, Trends | Roz King |
| DER | PGNB | Digestive Diseases (Includes: Necrotizing Enterocolitis [NEC], Non-Alcoholic Steatohepatitis [NASH], Inflammatory Bowel Disease [IBS], etc.) | Andrew Bremer |
| DER | PGNB | Growth and Growth Factors (Includes: Insulin Growth Factor) | Karen Winer |
| DER | PGNB | Immunology: Developmental | Andrew Bremer |

| Division | Branch | Category/Description | Program Officer |
|-----------------|---------------|--|------------------------------------|
| DER | PGNB | Infant Feeding (Includes: Maternal/Fetal Aspects of Infant Feeding) and Mammary Biology and Lactation (Includes: Act of Breastfeeding, Biology of Milk Production, Milk as Nutrient, etc.) | Dan Raiten |
| DER | PGNB | Intestinal Microbiome | Andrew Bremer |
| DER | PGNB | Metabolic Programming | Dan Raiten |
| DER | PGNB | Metabolic Syndrome and Energy Malfunction | Andrew Bremer |
| DER | PGNB | Nutrition (Includes: Childhood, Adolescent, HIV Related, and Micronutrients) | Dan Raiten |
| DER | PGNB | Obesity | Layla Esposito |
| DER | PGNB | Physiology (in the Context of Pediatric Growth and Nutrition) | Karen Winer |
| DER | PGNB | Puberty and Endocrinology (Includes: Age at First Menses) | Karen Winer |
| DER | PGNB | Taste (in the Context of Pediatric Growth and Nutrition) | Andrew Bremer |
| DER | PGNB | Training: Pediatric Growth and Nutrition | Karen Winer |
| DER | PPB | Fetal Pathophysiology/Programming and Developmental Origins of Disease | John Ilekis |
| DER | PPB | Neonatal Research Network (NRN) | Rose Higgins |
| DER | PPB | Maternal-Fetal Medicine Units (MFMU) Network | Menachem Miodovnik |
| DER | PPB | Gestational Diabetes | Menachem Miodovnik |
| DER | PPB | Placental Biology, Structure, and Function | John Ilekis |

| Division | Branch | Category/Description | Program Officer |
|-----------------|---------------|--|---|
| DER | PPB | Preeclampsia: Basic Science | John Ilekis |
| DER | PPB | Preeclampsia: Clinical Science | Menachem Miodovnik |
| DER | PPB | Perinatal Microbiome: Maternal | John Ilekis |
| DER | PPB | Perinatal Microbiome: Infant | Tonse Raju or Rose Higgins |
| DER | PPB | Perinatal Epidemiology | Maurice Davis or Tonse Raju |
| DER | PPB | Psychosocial Issues During and After Pregnancy; pregnancy stress, clinical studies | Maurice Davis |
| DER | PPB | Perinatal Demographics, Family Support, and Health Disparities of Pregnancy | Maurice Davis |
| DER | PPB | Multiple Pregnancies | Menachem Miodovnik |
| DER | PPB | Neonatal Pulmonary Conditions/Assisted Ventilation | Rose Higgins or Tonse Raju |
| DER | PPB | Neonatal Neurological Conditions and Monitoring | Tonse Raju |
| DER | PPB | Devices and Instruments (Includes Small Business Innovative Research [SBIR] and Small Business Technology Transfer [STTR]) | Tonse Raju |
| DER | PPB | Breastfeeding: Infant Issues | Tonse Raju |
| DER | PPB | Breastfeeding: Maternal Issues | Menachem Miodovnik |
| DER | PPB | Patient Safety: Obstetrics/Perinatal Care | Menachem Miodovnik |
| DER | PPB | Patient Safety: Neonatal/Pediatric Care | Mario Koso-Thomas |
| DER | PPB | Neonatal Resuscitation | Mario Koso-Thomas or Tonse Raju |

| Division | Branch | Category/Description | Program Officer |
|-----------------|---------------|---|--|
| DER | PPB | Global Network for Women's and Children's Health Research | Mario Koso-Thomas or Menachem Miodovnik |
| DER | PPB | Systematic Reviews/Cochrane | Tonse Raju |
| DER | PPB | Umbilical Cord Clamping and Outcomes | Tonse Raju |
| DER | PPB | Neonatal Surgery, Necrotizing Enterocolitis (NEC), and Probiotics | Rose Higgins or Tonse Raju |
| DER | PPB | Hypoxic Ischemic Encephalopathy (HIE) and Other Neonatal/Infant Health Conditions | Rose Higgins or Tonse Raju |
| DER | PPB | Neonatal Care Issues and High-Risk Neonatal Care Issues | Rose Higgins or Tonse Raju |
| DER | PPB | Congenital Heart Disease: Neonatal and Infant Effects | Rose Higgins or Tonse Raju |
| DER | PPB | Infant Follow-up | Mario Koso-Thomas , Rose Higgins or Tonse Raju |
| DER | PPB | Neonatal Infections | Rose Higgins or Tonse Raju |
| DER | PPB | Neonatal and Pediatric Immunity | Rose Higgins , Tonse Raju or Mario Koso-Thomas |
| DER | PPB | Neonatal Seizures | Tonse Raju or Roses Higgins |
| DER | PPB | Pregnancy: High-Risk | Menachem Miodovnik |
| DER | PPB | Preterm Labor and Birth | Menachem Miodovnik |
| DER | PPB | Stillbirth | Menachem Miodovnik |

| Division | Branch | Category/Description | Program Officer |
|-----------------|---------------|--|---|
| DER | PPB | Sudden Infant Death Syndrome (SIDS) | Mario Koso-Thomas |
| DER | PPB | Training: Neonatal (Includes K Grants) | Tonse Raju , Rose Higgins or Mario Koso-Thomas |
| DER | PPB | Training: International | Mario Koso-Thomas or Menachem Miodovnik |
| DER | PPB | Training: Perinatal (Includes K Grants and T32 Grants) | Menachem Miodovnik or Roz King or Mario Koso-Thomas |
| DER | PPB | Conferences: Neonatal and Pediatric | Maurice Davis , Tonse Raju or Mario Koso-Thomas |
| DER | PPB | Conferences: Perinatal | Menachem Miodovnik , Maurice Davis or Tonse Raju |
| DER | PPB | Prenatal Alcohol and Stillbirth and SIDS (PASS) Network | Menachem Miodovnik |
| DER | PPB | Maternal Sleep | Menachem Miodovnik |
| DER | PTCIB | Pediatric Critical Care and Injury: General | Robert Tamburro or Tammara Jenkins |
| DER | PTCIB | Pediatric Critical Care: Diagnosis, Treatment, Prevention | Robert Tamburro or Tammara Jenkins |
| DER | PTCIB | Pediatric Critical Care: Ethics, End of Life Issues, Palliative Care | Tammara Jenkins |
| DER | PTCIB | Pediatric Injury: Diagnosis, Treatment, Prevention | Valerie Maholmes Robert Tamburro |

| Division | Branch | Category/Description | Program Officer |
|-----------------|---------------|--|--|
| DER | PTCIB | Pediatric Trauma, Abuse, Neglect, Maltreatment | Valerie Maholmes |
| DER | PTCIB | Training: Pediatric Critical Care and Pediatric Trauma | Robert Tamburro or Tammara Jenkins |
| DER | PTCIB | Training: Pediatric Injury Prevention | Valerie Maholmes |
| DER | PTCIB | Training: Emergency Care | Valerie Maholmes |
| DER | PTCIB | Training: Child Maltreatment/Violence | Valerie Maholmes |
| DER | PTCIB | Child Traumatic Stress | Valerie Maholmes |
| DER | PTCIB | Emergency Medical Response/Services to Children | Valerie Maholmes |
| DER | PTCIB | Pediatric Traumatic Brain Injury: Diagnosis, Treatment, Prevention | Robert Tamburro |
| NCMRR | N/A | Rehabilitation Devices and Technology Development | Theresa Cruz or Louis Quatrano |
| NCMRR | N/A | Rehabilitation Diagnostics and Interventions | Sue Marden or Theresa Cruz |
| NCMRR | N/A | Chronic Symptom Management in Rehabilitation | Sue Marden |
| NCMRR | N/A | Rehabilitation Health Services Research | Louis Quatrano or Sue Marden |
| NCMRR | N/A | Environmental Factors Affecting Rehabilitation | Louis Quatrano or Sue Marden |
| NCMRR | N/A | Adaptation and Plasticity | Ralph Nitkin |
| NCMRR | N/A | Rehabilitation Training and Career Development | Ralph Nitkin or Louis Quatrano |

DER = Division of Extramural Research

NCMRR = National Center for Medical Rehabilitation Research