

POSITION TITLE: Postdoctoral Research Training Program

EMPLOYER: University of Colorado Anschutz Medical Campus

LOCATION (City, State): Aurora, CO

WEBSITE: www.dprgpostdoc.org

JOB DESCRIPTION

“Developmental Psychopathology, Psychobiology, and Behavior”

Program Director: Randy Ross, MD

PROGRAM: A two year training program is offered which includes a Core Curriculum with formal coursework to be completed by all trainees, seminar participation and individual research in one or more faculty laboratories. The trainees completing this program will be well versed in the basic concepts of developmental psychobiology and in a variety of research techniques. In addition, they will have completed an independent research project in at least one laboratory. The Department of Psychiatry at the University of Colorado Anschutz Medical Campus in Aurora, CO offers postdoctoral research training for MDs and PhDs for research careers in developmental psychobiology, with special emphasis on the development of maladaptive behavior. The Department of Psychiatry has a long history of involvement in developmental research. Within the Department, there is presently a multidisciplinary group of investigators, the Developmental Psychobiology Research Group (DPRG). All of these researchers have a productive career involvement as independent investigators of developmental research techniques, some of which are technologically unique, and utilize a comparative approach to the problem of understanding development. Subject populations have ranged from humans through nonhuman primates to neuronal and glial cell cultures. Members of this group serve as the faculty for this research training program. Because of its setting, problems with clinical relevance are continually in the forefront.

PROGRAM TOPICS & FACULTY:

Vulnerable infants and/or children: Behavioral development in high risk infants (Joy Browne, PhD); Risk of and interventions with abused and neglected children (Robert Clyman, MD); Brain imaging in eating disorders and in impulsive aggression in youth (Guido Frank, MD); The development of depression in children and adolescents (Ben Hankin, PhD); Psychosocial influences on the onset, persistence, and severity of childhood asthma (Mary Klinnert, PhD); Psychoneuroendocrinology/immunology of behavioral development (Mark Laudenslager, PhD); Special problems of American Indian adolescents (Douglas Novins, MD); Randomized controlled efficacy trial of a preventive intervention for maltreated youth in out-of-home care (Heather Taussig, PhD); **Genetic influences on behavior:** Ben Hankin (see above); Clinical epidemiology and behavior genetics of conduct disorder (Christian Hopfer, MD); Animal models of Downs syndrome and Autism (Ken Maclean, PhD); Developmental and genetic aspects of childhood learning disorders (Bruce Pennington, PhD); Genetic and social determinants of child and adolescent health behaviors (Marianne Wamboldt, M.D); **Developmental aspects of psychosis:** Neurobiology of psychoses (Robert Freedman, MD); Understanding brain development in both developmental disorders and psychotic illnesses (Don Rojas, PhD); Perinatal and school age precursors to schizophrenia (Randy Ross, MD); Rodent models of underlying mechanisms of sensory inhibition deficit in schizophrenia (Karen Stevens, PhD); the development of neuropathology in schizophrenia, using fMRI (Jason Tregellas, PhD); **Other:** Cognitive neuroscience and human neuropsychology (Marie Banich, PhD); Autism and neurodevelopmental disorders: development of core symptoms of autism; comorbidity; effectiveness of psychosocial interventions (Susan Hepburn, PhD); and the role of glial cells in establishing and maintaining functional neural circuits (Bruce Appel, PhD). **Senior Advisory Group:** Robert Emde, MD, Marshall Haith, PhD, Sherry Leonard, PhD, and Martin Reite, MD

DPRG SEMINARS: The DPRG seminar series has continued on a regular basis since 1970. It has become a focus for many of the group's activities, as well as for stimulating the involvement of developmental investigators from outside our department or the health sciences center. It serves as a medium for the presentation of ongoing research, critical literature review, and for the presentation of new research methods and findings, as well as in-depth treatment of conceptual issues by members of our group and visiting scientists. The DPRG holds a biennial 3-day retreat during the latter part of May or early June. Participants include members of the DPRG, as well as several nationally recognized scholars and investigators in the general area of developmental psychobiology. Each retreat addresses a separate topic

within the general realm of developmental psychobiology. Additional coursework is tailored to the needs of the individual trainee, and may include classes at the University of Denver, the University of Colorado Denver School of Medicine, and other institutions.

APPLICATION: Please visit www.dprgpostdoc.org for summaries of the training faculty's research and application requirements. Potential applicants should first contact the proposed mentor to ensure availability for sponsorship. Contact information is included in the faculty descriptions. For general information, email Linda.Greco-Sanders@ucdenver.edu

Levels of Support: Levels of support will be consistent with stipends supplied by and subject to change by NIH. (years of relevant postdoctoral experience, level 0 when degree granted):

Applicants must be U.S. citizens or permanent residents.

POSTDOCTORAL RESEARCH TRAINING PROGRAM

Clinical and Translational Neuroscience

Level 0	\$38,496	Level 4	\$46,884
Level 1	\$40,548	Level 5	\$48,900
Level 2	\$43,476	Level 6	\$50,832
Level 3	\$45,192	Level 7 (7 or more years)	\$53,112

Applicants must be U.S. citizens or permanent residents.

Deadline: December 1, 2011 for positions starting July 2012.