The three component program is supported by NIH Grant # R25MH080661 at Johns Hopkins University. The didactic portion is a 14-week course. Lectures are archived on Blackboard. Lecture highlights and journal club are held live via webinars every Tuesday 2:30pm-4pm. Students anywhere in or out of the continental USA can actively engage in discussions with the instructors.

1) This is followed by a laboratory based or clinical research experience for a duration of up to 3 months for select students to generate preliminary data for grant applications focused on NeuroAIDS.

2) Trainees who have taken the course are eligible to apply for a one-year pilot grant in the amount of $20,000 awarded on a competitive basis.

NIMH funding for this course supports the training of graduate students, postdoctoral fellows and junior faculty of defined racial and ethnic minority groups. Individuals who are not members of minority groups but are engaged in diversity related research are also eligible.

COURSE TOPICS INCLUDE:
Epidemiology, Clinical Features and Treatment of HIV-associated neurocognitive disorders ................................................... Justin McArthur, Ned Sacktor
Introduction to Retroviruses......................................... Vivek Nerurkar
Cultural Competence, Ethics.............................. Richard Johnson, Bruce Shiramizu, Valerie Wojna
Neuropsychological Testing.................................... Ola Selnes, Valerie Wojna
The Blood-Brain-Barrier in Neurological Infections...........Monique Stins
Neuropathology of HIV ...........................................Carlos Pardo, Christine Zink
Surrogate and Host Genetic Markers.................................Norman Haughey, Loyda Melendez
Critical Issues in CNS Penetration and Effectiveness of cART..........Scott Letendre
Brain Imaging Techniques..............................................Beau Ances, Linda Chang
Animal models of HIV Neurocognitive Disorder and Latent Infection...........Ken Williams, Janice Clements, Joseph Mankowski, Christine Zink
Neuropathogenesis of HIV and IRIS...........................Avindra Nath
Drug Development for NeuroAIDS ............................Joseph Steiner
Drugs of Abuse in HAND...........................................Shilpa Buch and Kurt Hauser

2014 Fall Registration Now-Deadline August 19, 2014: Course (ME: 200.701, 1.5 credits) Begins August 26, 2014

For more information about the course, please Contact Amanda Brown 410-614-2429
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