SEPTEMBER TIGER TIPS: COMPASS CURRICULUM UPDATE

LIMITED SUBMISSION ANNOUNCEMENTS:
NIH - NUTRITION OBESITY RESEARCH CENTERS
Institutional Limit: 1, Internal Deadline: September 26th, 2014

NATIONAL HAZARDS ENGINEERING RESEARCH INFRASTRUCTURE (EARTHQUAKE MODELING AND SIMULATION)
Institutional Limit: 2 / Internal Deadline: September 26th, 2014

OBAMA-SINGH 21ST CENTURY KNOWLEDGE INITIATIVE (OSI) US-INDIA PARTNERSHIP
Institutional Limit 1, Internal deadline: September 26th, 2014

ENERGY FRONTIER RESEARCH CENTERS
Institutional Limit: 1, Internal Deadline: September 26th, 2014

IUSE / PROFESSIONAL FORMATION OF ENGINEERING: REVOLUTIONIZING ENGINEERING DEPARTMENTS (RED)
Institutional Limit: 2, Internal Deadline: September 26th, 2014

THEORY INSTITUTE IN ATOMIC, MOLECULAR AND OPTICAL PHYSICS
Institutional Limit: 2, Internal Deadline: September 26th, 2014

BILL & MELINDA GATES FOUNDATION: GRAND CHALLENGES IN GLOBAL HEALTH & DEVELOPMENT SOLUTIONS: NOVEMBER 12, 2014
Two-page proposals are being accepted online from September 4, 2014 until November 12, 2014 on the following topics:
- Surveillance Tools, Diagnostics and an Artificial Diet to Support New Approaches to Vector Control
- New Approaches for Addressing Outdoor/Residual Malaria Transmission
- New Ways to Reduce Pneumonia Fatalities through Timely, Effective Treatment of Children
- Enable Universal Acceptance of Mobile Money Payments to Create an Economic Ecosystem that Will Help Lift the Poorest Out of Poverty
- Explore New Ways to Measure Brain Development and Gestational Age
- New Ways of Working Together: Integrating Community-Based Interventions
Initial grants will be up to US $100,000 each, and projects showing promise will have the opportunity to receive additional funding of up to US $1 million. Full descriptions of the new topics and application instructions are available at: www.grandchallenges.org/explorations

MORRIS ANIMAL FOUNDATION VETERINARY STUDENT SCHOLARS PROGRAM - DUE: FEBRUARY 5, 2015
Morris Animal Foundation’s Veterinary Student Scholars Program is a highly competitive program that provides veterinary students with an opportunity to become involved in mentored research that enhances the health and welfare of companion animals (dogs, cats, horses, llamas/alpacas and companion exotics) and wildlife. The program is open to enrolled veterinary students in good standing from any accredited US college, university or school of veterinary medicine. In addition, five grants have been made available for international veterinary student applicants from accredited institutions in 2014-2015, so competition will be very strong for these awards. Each institution may select and submit only one student project for review.

NSF - DEVELOPMENTAL & LEARNING SCIENCES (DLS) - DUE: JANUARY 15, 2015
DLS supports research that addresses developmental processes within the domains of cognitive, social, emotional, and motor development using any appropriate populations for the topics of interest including infants, children, adolescents, adults, and non-human animals. The program also supports research investigating factors that impact development change including family, peers, school, community, culture, media, physical, genetic, and epigenetic influences. Additional priorities include research that: incorporates multidisciplinary, multi-method, microgenetic, and longitudinal approaches; develops new methods, models, and theories for studying learning and development; includes participants from a range of ethnicities, socioeconomic backgrounds, and cultures; and integrates different processes (e.g., learning, memory, emotion), levels of analysis (e.g., behavioral, social, neural), and time scales (e.g., infancy, middle childhood, adolescence).

GOOGLE RESEARCH AWARDS: FACULTY RESEARCH AWARDS - DUE: OCTOBER 15, 2014
The company is committed to developing new technologies to help users find and use information. As part of that vision, the Research Awards program aims to identify and support world-class, full-time faculty pursuing research in areas of mutual interest. The intent of the Awards is to support cutting-edge research in Computer Science, Engineering, and related fields. Please see the full announcement for all fields of interest.

DOE - EARLY CAREER RESEARCH PROGRAM - DUE: NOVEMBER 20, 2014
The Office of Science of the Department of Energy hereby invites grant applications for support under the Early Career Research Program in the following program areas: Advanced Scientific Computing Research (ASC); Biological and Environmental Research (BER); Basic Energy Sciences (BES); Fusion Energy Sciences (FES); High Energy Physics (HEP), and Nuclear Physics (NP). The purpose of this program is to support the development of individual research programs of outstanding scientists early in their careers and to stimulate research careers in the areas supported by the DOE Office of Science.

AFOSR plans, coordinates, and executes the Air Force Research Laboratory’s (AFRL) basic research program in response to technical guidance from AFRL and requirements of the Air Force; fosters, supports, and conducts research within Air Force, university, and industry laboratories; and ensures transition of research results to support U.S. Air Force needs. The focus of AFOSR is on research areas that offer significant and comprehensive benefits to national warfighting and peacekeeping capabilities. These areas are organized and managed in five scientific departments: Dynamical Systems and Control (RTA), Quantum and Non-Equilibrium Processes (RTB), Information, Decision and Complex Networks (RTC), Complex Materials and Devices (RTD), and Energy, Power and Propulsion (RTE).