Weekly Research Updates and Opportunities

February 14, 2018

STUDENT RESEARCH OPPORTUNITIES AND FELLOWSHIPS

Global Health Program for Fellows and Scholars - The Program provides supportive mentorship, research opportunities and a collaborative research environment for early stage investigators from the U.S. and low- and middle-income countries (LMICs), as defined by the World Bank, to enhance their global health research expertise and their careers. **Application Due Date(s): Deadlines vary by support center.** https://www.fic.nih.gov/Programs/Pages/scholars-fellows-global-health.aspx

CHCI-United Health Foundation Scholar Intern Program - The CHCI-United Health Foundation (UHF) Scholar Intern Program helps students pursuing health-related careers receive scholarship funds as well as hands-on experience through a paid internship at a community-based health organization. The program creates a unique opportunity for financially needy students to take on what would otherwise be an unpaid internship and exposes them to the health care needs of underserved communities, all while receiving financial support for their education. https://chci.org/programs/chci-scholar-intern-programs/chci-united-health-foundation-scholar-intern-program/ **Application Due Date: March 20, 2018.**

Heinrich J. Klein Scholarship - The objective of the Foundation is to sponsor international exchange by granting scholarships to individuals for a stay abroad. Support is granted to individuals of all specialist fields who have shown proven commitment/involvement in fostering international exchange. Support in temporary, scientifically qualified stays - for example: Participation in scientific projects, Study visits, Summer schools. The application process is handled by SCHOTT AG. **Application Due Date May 31, 2018.** http://www.hj-klein-stiftung.de/e_6.htm

American Heart Association and Amazon Web Services 2.0 Data Grant Portfolio: Artificial Intelligence and Machine Learning Training Grants - To train student researchers (undergraduate, graduate or pre/post-doctoral) in testing and refining artificial intelligence and machine learning algorithms using learning health care system data and/or multiple longitudinal data sources to improve our understanding of all data related to precision medicine. Data source examples include but are not limited to: images, electronic health records, wearable devices, smart phone and other sensor related technology, genetics, biology, and community engagement. Example topics for applicants include but are not limited to: identifying machine learning approaches for classification of images from multiple data sources; predicting behavioral and lifestyle choices from data sources; predicting income level, educational level from data sources; and new pipelines to enable more effective and efficient workflows for analyzing data in the cloud. **Application Due Date: March 29, 2018.** http://professional.heart.org/professional/ResearchPrograms/InstituteforPrecisionCardiovascularMedicine/UCM_461668_Information-on-the-Institute-for-Precision-Cardiovascular-Medicine.jsp

American Heart Association and Amazon Web Services 2.0 Data Grant Portfolio: Democratizing Data - The purpose of the opportunity is to open rich orthogonal datasets and analyze these datasets using state-of-the-art technology available on the American Heart Association (AHA) Precision Medicine Platform. The datasets must include under-represented minorities. Examples of the types of applicable datasets include but are not limited to heart failure, stroke, hypertension, socio-economic data, behavioral modifications and interventions, lifestyle, nutrition and exercise. **Application Due Date: March 29, 2018.**

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