Public Health Studies Partnership Opportunity

Please complete the information below to the best of your ability. Providing as much detail as possible will greatly assist in narrowing down the pool of appropriate applicants for your opening.

1. Name of Organization or Department: School of Medicine, Division of Cerebrovascular Neurology

2. Student Position Title: Research Assistant

3. Number of positions: 2

4. Application details (what would you like your applicant to provide you with?):

   - Cover letter: Yes ☑ No ☐
   - Resume: Yes ☑ No ☐
   - References: Yes ☑ No ☐

   How many references: [Blank]

Other information: Please indicate which semester you are interested in: Summer 2015 or Fall 2015 preference.

Application Deadlines: Summer 2015 (Friday, May 1, 2015); Fall 2015 (Friday, July 31, 2015)

Contact Information (who should the applicant contact?):

Name: Nicole L. Williams       Title: Senior Research Program Coordinator

Method of contact: nlwilliams@jhu.edu; (410) 614-7144

Email preferred? Yes ☑ No ☐

5. Brief context of the assignment – please include any relevant web links or other sources that students can research on their own to learn more about your organization and its work.

   Research Assistant working on a study of heart failure patients looking at changes in cognition, cerebral blood flow, and other clinical measures pre- and post-diuresis treatment.
Dr. Rebecca Gottesman’s lab website is: http://scanlab.webs.com/

6. Primary duties/responsibilities:

This position involves working directly with congestive heart failure (CHF) patients at the outpatient diuresis clinic located at the Bayview Medical Center. The Research Assistant will learn how to properly recruit and consent participants into a research study as well as administer and score a battery of neuropsychological tests (e.g. Mini Mental State Examination, Rey Auditory Verbal Learning Test, and Boston Naming Test). Using REDCap software, the Research Assistant will be responsible for some data entry and aggregation of a clinical research database.

We also would like to invite the Research Assistant to attend Dr. Rebecca Gottesman’s (P.I.) weekly lab meetings – held on Tuesday afternoons – in order to gain further medical research experience. Depending upon the Research Assistant’s time commitment, involvement in data analysis and interpretation of results is possible.

7. Proposed start date: May 26, 2015 (Summer 2015); August 27, 2015 (Fall 2015)

8. Required number of hours per week: 8

9. Duration of the assignment (there are 15 weeks in a semester): 10 weeks (Summer 2015); 15 weeks (Fall 2015)

10. Preferred schedule – in order to work with students’ course load, flexibility is advantageous; a range of options is appreciated, but please be specific about any event or attendance requirements that are not negotiable. Please state hours of operation.

CHF patients are seen Monday through Friday from 9:00AM until 1:00PM at the cardiology department diuresis clinic at Bayview. The Research Assistant would be helping with clinic coverage at least once per week (Tuesday availability is strongly preferred but not required).

11. Specific skills/experience you are looking for – preferred vs. required will be helpful here. Feel free to state a preference for particular topics the student should have some familiarity with, or the level(s) of student (sophomore, junior, senior) you’d be open to hiring.

Preferred level of student (select all that apply):

☑ Freshman ☑ Sophomore ☑ Junior ☑ Senior

Skills (computer, graphic design, language, organizational, editing, etc.):
Required:

Time management; organizational

Preferred:

Some research experience.

12. Available compensation (this could include transportation reimbursement, a range of pay commensurate with experience, or none).

Not a paid position. Potential is there to earn academic credit through Public Health Studies.

13. From your perspective, what do you see as the key potential learning gains for the student?

We aim to teach our students how to interact one-on-one with individuals who suffer from a chronic illness in an outpatient facility as well as train them in administering, scoring, and interpreting a neuropsychological battery (tasks assessing memory, visuospatial acuity, motor dexterity, mood, etc.). We will also provide them with direct mentorship opportunities with a great team of professionals including a neurologist, a cardiology nurse, a neurology technician, and a trained clinical psychometrician. They will also be invited to attend weekly lab meetings which include several neurologists, epidemiologists, an anesthesiologist, and multiple medical students.