

University of Maryland, Baltimore County

29 Job Postings For September 2012

Johns Hopkins Department of Psychiatry Seeks Fall Intern

Johns Hopkins University School of Medicine

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): Education, Undeclared, Social Work, Emergency Health Services, Biological Sciences, Health Science and Policy, Psychology, Sociology, Undecided, Health Administration and Policy, Pre-Pharmacy, Pre-Nursing

Location(s): Bayview Medical Campus- Baltimore, Maryland (United States)

Description: The Johns Hopkins Department of Psychiatry and Behavioral Medicine seeks an intern to assist with the administrative and scientific components of four clinical trials examining psychological and physical function outcomes following severe burn injury.

The internship provides an opportunity to gain exposure to and an understanding of clinical trial coordination and management. Specifically, the student will learn the structure and organization of prospective, longitudinal research. The internship provides valuable experience working as part of a research team and an opportunity to become familiar with the research priorities surrounding burn and trauma rehabilitation. The intern will work closely with the research study coordinator and also function independently.

Qualifications include:

Strong organizational and interpersonal skills, attention to detail

Interest in program management, clinical research and/or psychology

Basic understanding of quantitative research methodology

Intermediate proficiency using Microsoft Excel, Word and Access

Responsibilities include, but are not limited to, the following:

Data entry

Database management

Creation of data summary reports

Participant recruitment and retention

Office organization (file sorting, photocopying)

Opportunities are available to attend lectures and grand rounds

The intern must be able to devote 10 to 20 hours per week to the position throughout the fall semester.

Desired Class Level(s): Sophomore, Junior, Senior

Fall 2012 - On-Campus RC Helicopter pilot

UMBC Geography & Environmental Systems

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): All Majors, Environmental Science, Environmental Studies, Geography, Mechanical Engineering, Photography, Physics, Geographic Information Science, Engineering

Location(s): Baltimore, Maryland (United States)

Description: Student with radio-controlled helicopter and flying experience sought for local aerial photography work for environmental mapping project. Pay will be commensurate with experience.

Desired Class Level(s): Freshman, Sophomore, Junior, Senior, Master's Student, Doctoral Student, Alumni, Other, Advanced Special (Graduate), Post Doctoral, Professional Education & Training

Salary Level: >=\$10/hour

Fall Intern - Algae Cultivation

Clean Green Chesapeake

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): Biology, Applied Molecular, Chemical & Biochemical Engineering, Biochemistry and Molecular Biology, Biological Sciences, Chemical Engineering, Environmental Science, Biochemistry

Location(s): Baltimore, Maryland (United States)

Description: Clean Green Chesapeake is looking to fill a Fall internship position for an algal cultivation project. The intern will be responsible for assisting in the growth of select microalgal species for a variety of end products. The successful applicant will be involved in examination of two-stage growth conditions and identify key parameters that will illicit maximal accumulation of key metabolites by the algae and maintain consistent batch-to-batch biomass composition.

The intern will work directly with our Research Technician on day-to-day experimental operation of the algae growth facility and will assist with standard analytical equipment operation. An undergraduate pursuing a degree in Chemical or Biomolecular Engineering, Biochemistry, Biological Science or related field is preferred. Strong background and experience in laboratory culture of microorganisms is desired and knowledge of larger-scale suspension cultures and measurement of biomass composition is ideal. The research program will be supervised by scientists at Clean Green Chesapeake and, due to the nature of the work, the intern may work closely with corresponding researchers in the field.

Desired Class Level(s): Sophomore, Junior, Senior

Salary Level: paid

Fall 2012 - Research Assistant

United States Department of Agriculture (USDA) Agricultural Research Service (ARS)

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): Chemical & Biochemical Engineering, Biochemistry and Molecular Biology, Bioinformatics and Computational Biology, Biological Sciences, Chemical Engineering, Chemistry, Pre-Medical, Pre-Pharmacy

Location(s): Beltsville, Maryland (United States)

Description: The research focus of Dr. Wang's lab is to understand the health-promoting effects of phytochemicals. The objectives of current projects are 1) to identify molecular targets for phytochemicals, and 2) to elucidate the molecular mechanism(s) by which cancer preventive phytochemicals regulate cellular targets in human cancer cell lines. Two approaches are employed to address the objectives. One approach is to investigate the effects of phytochemicals on specific cellular pathways that may be important in carcinogenesis. These include cellular apoptosis pathways, xenobiotic metabolism pathways and hormone/cytokine-mediated pathways. Another approach utilizes global analysis of mRNA as well as protein expression to examine effects of phytochemicals on multiple pathways and study interrelationships among the pathways. Both cell culture models as well as animal models are employed to determine the effects of phytochemicals. Molecular biological and biochemical techniques such as reverse transcription-polymerase chain reaction (RT-PCR), DNA microarray and enzyme assays are used to analyze specific biomarkers, and to monitor effects at transcriptional, translational and post-translational levels.

Protocol Development and Implementation Intern: METRC

Johns Hopkins University Bloomberg School of Public Health

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): Gerontology, Public Policy, Emergency Health Services, Pre-Physical Therapy, Aging Services, Pre-Medical, Health Science and Policy, Sociology, Health Administration and Policy, Nursing, Pre-Nursing

Location(s): Baltimore, Maryland (United States)

Description: The Intern will assist with coordination and management of the multi-site clinical trials supported by the Major Extremity Trauma Research Consortium (METRC). Under the direction of the METRC Coordinating Center (MCC) Study Managers, the Intern is responsible for entering site and study-specific information into the central METRC Access Database; storing and organizing site and study-specific regulatory documentation per standard operating procedures for file storage and naming conventions; and other administrative and regulatory duties as assigned.

Desired Class Level(s): Junior, Senior, Master's Student

Student Mental Health Research Assistant

Johns Hopkins University Bloomberg School of Public Health

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): All Majors, Education, Public Policy, Social Work, Emergency Health Services, Psychology, Applied Developmental, Psychology, Human Services, Sociology, Applied, Pre-Medical, Health Science and Policy, Psychology, Sociology, Health Administration and Policy

Location(s): Baltimore, Maryland (United States)

Description: This study explores whether a mindfulness and yoga program improves urban public school students' ability to cope with stress and reduces use of drugs and alcohol. The study includes 250 fifth and sixth grade students across six Baltimore City schools; these students will be followed from 2011 - 2013. Three schools received the mindfulness program last year, and the other three schools served as comparisons. The mindfulness program was developed by The Holistic Life Foundation, a Baltimore-based non-profit organization that promotes positive development among urban youth. This is an exciting opportunity to study the effects of mindfulness and yoga on children, a new research area that is gaining attention. Learn more about our team's previous research and about the Holistic Life Foundation in the article and video clip on NBC's African American news website, the Grio: <http://www.thegrio.com/health/yogaurban-schools.php>

The primary responsibility is to assist in conducting assessments with participating students (they are now in the 6th and 7th grades) and their teachers at 6 Baltimore City Schools. Student assessments include surveys, as well as cognitive tests and physical measures (blood pressure, balance, lung capacity).

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.

We will be conducting assessments in Baltimore City Schools from ~7:30am-2:30pm Mondays through Fridays. Availability to work these hours during at least ONE weekday is required for the position.

Course credit may be provided if feasible. Transportation costs will be reimbursed.

This is a great opportunity to learn first-hand about

research with relevance for public health and psychology. Research assistants will gain valuable skills for conducting assessments with youth and adults and will learn key concepts about the design and implementation of school-based randomized prevention trials.

Desired Class Level(s): Junior, Senior

Various Fall 2012 Volunteer Opportunities in Mental Health Sheppard Pratt Health System

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): Social Work, Neuroscience and Cognitive Sciences, Emergency Health Services, Aging Services, Psychology, Applied Developmental, Psychology, Human Services, Sociology, Applied, Biological Sciences, Pre-Medical, Psychology, Sociology, Health Administration and Policy, Nursing, Pre-Pharmacy, Pre-Nursing

Location(s): Baltimore/Towson, Maryland (United States)

Description: Visit any department at Sheppard Pratt, from the clinical program, to the finance office, to the greenhouse, to the Forbush School and you will see volunteers at work. The quality of every patient's stay is enhanced by volunteer efforts, not just for the amenities, but for the basics of daily operations and daily care. As many as 250 volunteers may be found side by side with our doctors, nurses, teachers and other clinical support professionals any day of the week.

What brings volunteers to Sheppard Pratt? For some it's the opportunity to interact with patients, joining them for walks and talks that directly aid the healing process. Others come to support the cause of the mentally ill in every way they can.

Sheppard Pratt offers unparalleled field experience for students interested in mental health care and related professions. The Health System's continuum of care offers experiences in a full range of clinical settings including inpatient units, partial hospitalization programs, group homes, vocational programs, outpatient counseling and community mental health centers and schools. Student interns actually work with patients under staff supervision and their performance is monitored and evaluated. Qualifying criteria must be met to participate in an internship.

The contribution of volunteers to Sheppard Pratt is so vital that we ask for no less than a three-month commitment. In return, we provide a thorough orientation to the hospital and ongoing training. Volunteers contributed 50,000 hours of service last year, but the degree of help they gave and personal satisfaction they received can't be measured.

Here are some of the volunteer opportunities available :

- HR Volunteer
- Milieu Therapy Assistant
- Mental Health Volunteer
- Teachers Assistant
- Group Home Activity Assistant

In addition to nominating yourself for this position, please follow

up with Ms. Walsh at (410) 938-4850 to set up an interview.
YOU MUST SUBMIT YOUR RESUME THROUGH UMBCWORKS
BEFORE CONTACTING MS. WALSH.

Various Fall 2012 Volunteer Opportunities in Mental Health (copy)

Sheppard Pratt Health System

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): Social Work, Neuroscience and Cognitive Sciences, Emergency Health Services, Aging Services, Psychology, Applied Developmental, Psychology, Human Services, Sociology, Applied, Biological Sciences, Pre-Medical, Psychology, Sociology, Health Administration and Policy, Nursing, Pre-Pharmacy, Pre-Nursing

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Description: Visit any department at Sheppard Pratt, from the clinical program, to the finance office, to the greenhouse, to the Forbush School and you will see volunteers at work. The quality of every patient's stay is enhanced by volunteer efforts, not just for the amenities, but for the basics of daily operations and daily care. As many as 250 volunteers may be found side by side with our doctors, nurses, teachers and other clinical support professionals any day of the week.

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Fall Research Assistant

ExecuQuest Corp.

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): All Majors, Business Technology Administration, American Studies, Economics, Financial Economics, Psychology, Economic Policy Analysis, Accounting


Location(s): Phoenix, Maryland (United States)


Description: Baltimore, MD 21131
410.667.8400
www.eqcadvisors.com
EXECUTION • QUALITY • CAPACITY
GLOBAL TALENT SOURCING
POSITION PROFILE
POSITION TITLE: Research Associate Intern (for Academic Credit)
REPORTING TO: President and Founder/Practice Leader
LOCATION: 3312 Paper Mill Road, Phoenix, MD 21131
THE COMPANY: ExecuQuest Corp., www.eqcadvisors.com
ExecuQuest Corporation is a leading global provider of Research Services for talent acquisition and competitive intelligence. We specialize in the real-time identification and development of on-target, passive talent from our clients' most sought-after competitors. Our research engagements span all levels and functions in all industries worldwide, and for 25+ years, corporate staffing executives and executive search firms alike have depended on our strategic, problem solving expertise to maximize their competitive advantage in recruiting executive talent.

With offices at Four Corners in Phoenix/Baltimore, MD, our clients include the corporate headquarters of world renowned Fortune 500 and emerging companies in the fields of financial services, pharma, technology, consulting, manufacturing, transportation, and education; representing clients as diverse as Hershey, HSBC, Newmont Mining, Walt Disney, J&J, L'Oreal, M&T Bank and many more. We are a 10-person company, casual yet professional and fast-paced. As a research provider, we bill hourly for our fees, not contingent upon placements, and emphasize the importance of completing projects on-time, effectively and efficiently.

SCOPE AND RESPONSIBILITIES:

The Research Associate Intern will support the Research Team and Operations Assistant in:

 gathering marketing intelligence in various industry sectors by extensive media search;

 developing target and marketing lists to promote EQC research and training services;

- ☐ developing detailed reports and extensive data entry; and
- ☐ other tasks as needed to support client engagements.

EXPERIENCE REQUIRED:

- ☐ Outstanding database and Internet research skills and a broad knowledge of business information sources;
- ☐ Ability to deliver consistently high quality work in data analysis, writing technical reports, and developing presentations;
- ☐ Relates well to others, is clear in presenting viewpoints, and collaborates and communicates well with individuals inside and outside the Research Team;
- ☐ Exhibits confidence and integrity when conducting research-related work.

COMPETENCIES REQUIRED:

- ☐ Currently attending a College or University in the Maryland area;
- ☐ Strong academic record (minimum 3.4 GPA);
- ☐ Possess mental agility and critical thinking skills, supported by intellectual curiosity and sound business judgment;
- ☐ Possess initiative and an ability to think tactically, strategically and creatively while following a rigorous methodology;
- ☐ Intermediate-level computer skills (Windows, Excel, Word, Visio, PowerPoint, Outlook, Adobe, & CRM);
- ☐ Possess outstanding telephone presence and superior written communication skills;
- ☐ Ability to manage multiple projects under tight time constraints and client demands while maintaining accuracy;

EXECUTION • QUALITY • CAPACITY

GLOBAL TALENT SOURCING

Research Associate Intern

COMPETENCIES REQUIRED:

- ☐ Excellent oral and written communication skills;
- ☐ Strong listening skills and an ability to interpret information;
- ☐ A high level of integrity and professionalism.

ExecuQuest Corp. will compensate with college credit for an intern who has a high energy level, a creative thought process and solid business skills who will thrive in this fast-paced, ever-changing work environment. Internship will

last 10-12 weeks or longer for summer, fall and spring semesters. Our hours of operation are 8:00 am to 5:00 pm.

CONTACT INFORMATION: Please email resume:
Our mission is to provide outstanding search/research

solutions, truly passive candidates, expeditiously. Please be assured that as hourly research providers, we endeavor to impress you with our on-target talent mapping and insight and will be careful stewards of the research investment. We develop the information as efficiently as possible each and every time, for each and every client, in each and every phone call. We hope to impress you with our speed but our foremost concern is for accuracy and insight. We are relied upon for our primary research development and take great pride in our work. We want to know how we can improve our services to you. And let us train you in the lost art of telephone research and our consultative approach.

Desired Class Level(s): Senior

Salary Level: UNPAID

Fall - Research Assistant

Sage Policy Group

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): Business Technology Administration, Public Policy, Economics, Financial Economics, Political Science, Economic Policy Analysis, Health Administration and Policy, Policy Science

Location(s): Baltimore, Maryland (United States)

Description: This is an unpaid internship. Academic credits will be available.

- Notable ease and proficiency in manipulating and organizing medium to complex data sets
- Working with government and other publicly available metrics/resources to develop public policy positions
- Ability to produce technical writing excerpts of both a quantitative and qualitative nature for inclusion into various company research studies
- Understanding and application of basic statistics and econometrics concepts
- Creativity and ingenuity with respect to literary and journalistic research, particularly in the social science disciplines

We are economists and analysts. Wherever and whenever there is economic content to an issue, question or controversy, we are likely to be of service. Among our clients are businesses, government agencies, non-profits, attorneys and concerned citizens. We have authored numerous economic development strategies, workplace development strategies, economic impact analyses, fiscal impact analyses, legislative analyses, business forecasts, industry outlooks and expert witness reports. We are passionate about supporting our clients' organizational objectives, and have a history of successful and timely project completion.

Desired Class Level(s): Junior, Senior, Master's Student

Fall 2012 - Research Clinical Extern

UMB School of Medicine Center for School Mental Health Analysis & Action

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): Education, Public Policy, Social Work, Psychology, Applied Developmental, Psychology, Human Services, Sociology, Applied, Psychology, Sociology, Health Administration and Policy, Nursing, Pre-Nursing

Location(s): Baltimore, Maryland (United States)

Description: The research/clinical extern will be supervised by a licensed psychologist and faculty member and will have opportunities to collaborate with an interdisciplinary team on advancing research, training, policy, and practice in school mental health. Typical tasks may include: literature searches, developing user-friendly resources for teachers, families, and students, assisting with developing Powerpoint Presentations, database development and entry, developing issue briefs. The position offers opportunities to shadow one of our clinicians in a school and to participate in professional development opportunities with our clinical program. Many of our externs have continued on to attend graduate school in a mental health field.

Required Credentials:

Interested in learning more about advancing mental health in schools

Desired Class Level(s): Sophomore, Junior, Senior, Master's Student

Fall 2012 - Disaster Caseworker

American Red Cross

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): Social Work, Psychology, Sociology

Location(s): Baltimore, Maryland (United States)

Description: Provide direct service to clients who are receiving Red Cross services after a disaster. Lend support to caseworkers as needed in calling, emailing clients and faxing information to vendors

- o Provide backup when caseworkers are out of the office
 - o Closing cases as needed
-

Desired Class Level(s): Junior, Senior, Master's Student

Fall 2012 - Paid Research & Marketing Interns

BioMarker Strategies

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): Business Technology Administration, Chemical & Biochemical Engineering, Bioinformatics and Computational Biology, Biological Sciences, Biochemical Regulatory Engineering, Chemical Engineering, Chemistry, Biotechnology Management, Biochemistry

Location(s): Baltimore, Maryland (United States)

Description: BioMarker Strategies is a tissue-based cancer diagnostics company developing the innovative SnapPath™ live tumor cell processing and testing system. This novel pathology-based medical device will automatically process tumor biopsies on a real-time basis at the point of care. The proprietary SnapPath™ system will also serve as a testing platform for our growing portfolio of live cell/ex-vivo biomarker tests, including tests to determine which patients will benefit from specific targeted cancer drugs. The company will then combine traditional pathology diagnostic services with improved molecular pathology tumor profiles and novel, live-cell biomarker tests to be performed in our future CLIA lab.

Position Description:

1. Developing market research for business plan, developing presentations for fundraising, system development for purchasing.
 2. Help conduct experiments, western blots, PCR, and IHC.
 3. Development of quality system documents for training per FDA regulations.
-

Desired Class Level(s): Sophomore, Junior, Senior, Master's Student

Salary Level: PAID- competitive

Fall 2012 - Parent-Child Interaction Video Coder

University of Maryland, Baltimore (UMB)

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): All Majors, Social Work, Emergency Health Services, American Studies, Biological Sciences, Health Science and Policy, Media and Communication Studies, Film/Video, Psychology, Sociology, Health Administration and Policy

Location(s): Baltimore, Maryland (United States)

Description: The Toddler Obesity Prevention Study (TOPS) is recruiting graduate/undergraduate students to assist with coding play and feeding parent-child interaction videos. Position requires 20-30 hours/week in the summer with more flexibility in the fall/spring. Student will work with Dr. Maureen Black and Dr. Margo Candelaria in the Growth & Nutrition Division, Department of Pediatrics at UMB. Understanding of developmental and parenting theory required. Previous experience coding preferred.

Desired Class Level(s): Junior, Senior

Fall 2012 - R&D Intern

Quantum Medical Metrics, LLC

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): Computer Engineering, Mechanical Engineering, Electrical Engineering, Engineering

Location(s): Halethorpe, Maryland (United States)

Description: The company is involved in research, development and production of x-ray spectral imaging systems and advanced quantitative imaging algorithms for the diagnosis and monitoring of human musculoskeletal disease.

Our value proposition is to provide end-users with the most advanced tools for accurate and cost-effective diagnosis of osteoporosis and other musculoskeletal diseases, that will reduce overall healthcare cost, particularly associated with high cost of therapy.

This position will assist in the development, design assembly and or testing of product prototypes.

Salary Level: TBD

Fall 2012 - Research and Policy Assistant

United States Department of Education

Position Type: Research posted through Shriver Center

Desired Major(s): Education, Public Policy, Economics, Psychology, Sociology

Location(s): Washington, District of Columbia (United States)

Description: This is the job description:

1. Write policy memos that review education research studies, policy papers, and education news as required.
2. Engage in study and research to advise the Office of Safe and Drug-Free Schools on a range of relevant topics. Possible examples may include, but are not limited to:
 - a. Current federal law
 - b. SEA and LEA school climate efforts
 - c. Relevant theories and frameworks from human development research, sociology, psychology, and education
 - d. Organizations and Individuals involved in education policy or school climate work
 - e. School-based data collection methodology
 - f. Federal grant development and evaluation
3. Attend meetings (congressional hearings, inter-agency, intra-agency, and external to government) related to education policy and school climate and report back to OSDFS.
4. Assist with ongoing Special Projects undertaken by Office of Safe and Drug-Free Schools staff. Projects may include events, policy initiatives, evaluations, or products/publications.
5. Assist with administrative tasks as needed

The percentage of time they spend on any one task depends on their interests and expertise.

Desired Class Level(s): Freshman, Sophomore, Junior, Senior

Fall 2012 - Research Development Intern- \$16/hr

iHire, LLC

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): Information Systems, Mathematics, Computer Engineering, Computer Science

Location(s): Frederick, Maryland (United States)

Description: iHire isn't your average company. We're one of the top places people and employers go for their career and employment needs. But our team members don't just post peoples resumes and employers job descriptions – they create solutions to help revolutionize their customers' careers and candidate selection. And we are proud to say that our associates are up to the challenge. Are you? We are always looking to add forward thinking, motivated people to our team who want to grow with us and become leaders. We seek the best. We have a casual work environment; emphasize work-life balance and competitive rewards help set us apart from the rest. iHire was awarded one of the top 100 employment sites by industry authority Weddle's.

Exciting opportunities have arisen within iHire for accomplished students to join our Research Development Team to work at least 3 to 5 days equal to 20-40 hr/week at \$16/hr.

The role requires a high impact individual. The candidate must have the ability to hit the ground running and contribute to results quickly.

Responsibilities:

Responsibilities include programming and maintaining a sophisticated software tool that extracts structured information from across the internet. You will also assist in building and growing iHire's proprietary data warehouse of employment information. You will use knowledge of web concepts, protocols, and troubleshooting techniques to resolve issues and provide quality assurance to other team members.

Requirements:

- Solid computer skills
- Ability to learn applications quickly
- Strong problem solving skills
- Ability to work independently and in small teams
- Background in Computer Science/Systems or related field
- Basic understanding of HTML web page structure and HTTP protocol
- Understanding of web requests is a plus

Salary Level: \$16

Fall 2012 - Research Intern

The Behavioral Pharmacology Research Unit

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): Neuroscience and Cognitive Sciences, Biochemistry and Molecular Biology, Biological Sciences, Chemistry, Psychology, Biochemistry

Location(s): Baltimore, Maryland (United States)

Description: Primary Purpose:

Under the supervision and direction of research assistants, post-doctoral researchers and research coordinators the undergraduate research assistant will assist in experimental research sessions for residential/non-residential pharmacological research protocols as well as perform and assist in data handling functions required by research protocols.

Specific Duties and Responsibilities:

Input, organize, edit and verify data collected in test sessions using Macintosh computer systems. Responsible for maintaining a current backup of research data and ensuring the security and confidentiality of that data.

Provide graphic representations of research data according to the needs of the investigator or research assistant. Participate in BPRU sponsored services including educational lectures, computer classes and community events. Assist in recruitment of volunteers for outpatient research protocols. Such recruitment may involve phone as well as in-person phone screenings. Assist in running testing protocols within a laboratory setting. Student will familiarize themselves with the details of session and the origination of research data.

Desired Class Level(s): Freshman, Sophomore, Junior, Senior

Fall 2012 Challenge! Internship- Division of Growth and Nutrition

University of Maryland, Baltimore (UMB)

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): Psychology, Applied Developmental, Psychology, Human Services, Biological Sciences, Pre-Medical, Health Science and Policy, Psychology, Sociology, Health Administration and Policy, Pre-Nursing

Location(s): Baltimore, Maryland (United States)

Description: This is an exciting opportunity to work in the Division of Growth and Nutrition within the Department of Pediatrics under the guidance of Dr. Maureen Black. The health educator assistant will assist in a health- promotion small group intervention to middle school girls in Baltimore city as part of the Challenge! project. The intervention will take place during and after school. The intervention aims to prevent obesity, improve diet, and increase physical activity among adolescent girls. The assistant will help lead moderate-vigorous physical activities with the adolescents one to two times each week at a local YMCA. The assistant will help prepare and participate in various health events for the school community as a part of the environmental intervention.

Responsibilities: Recruiting participants, delivering the intervention lessons, following strict protocol, tracking participants, scheduling evaluations, transporting class materials, attending weekly meetings, data collection, data entry, filing, and other office duties.

To learn more about this project and others within the growth and nutrition division, please visit our website: <http://www.medschool.umaryland.edu/growth>

Requirements:

- Bachelors degree or junior/senior undergraduate level student in Nutrition, Psychology, Physical Education, Public Health, or a related field
- Strong commitment to personal wellness through healthy eating and exercise
- Interest in being part of a school- and community-based intervention project serving adolescent girls in Baltimore County Middle Schools
- Experience abiding by strict research protocols
- Valid drivers license (please bring to interview)
- Ability to transport supplies and equipment (access to car)

Time Commitment:

We ask that the potential intern be available for one of the

following shifts:

1. Monday & Wednesday: 9-5pm
2. Tuesday & Thursday: 9-5pm
3. Monday & Wednesday: 10-2pm
4. Monday & Wednesday: 2-5pm
5. Tuesday & Thursday: 10-2pm
6. Tuesday & Thursday 2-5pm

Desired Class Level(s): Senior

PAID Research Technician Intern

Walter Reed Army Institute of Research

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): All Majors, Social Work, Biological Sciences, Pre-Medical, Psychology, Health Administration and Policy, Pre-Pharmacy

Location(s): Silver Spring, Maryland (United States)

Description: Great opportunity for experience in a world-renowned research institute. This position entails working with research participants on sleep & performance studies. Technicians do not require any experience, as all training will be provided. This position allows up to 25+ hours a week during the school semester and up to 40 hours a week during the summer months. The location is in Silver Spring, MD, approximately 25 miles south from UMBC, with reliable transportation a MUST. Duties of the lab technician position, include:

- administration of computer, and paper & pencil tasks to participants
- application and maintenance of polysomnographic (PSG) electrodes and equipment
- application of electrocardiogram (EKG) electrodes and equipment
- preparation of biological samples for processing (blood and urine)
- screening potential participants for research studies
- literature reviews
- data entry

Our department is interested in interviewing students, or recent graduates, who are interested in research. We conduct sleep deprivation studies, drug studies, and brain imaging studies. The duties include: performing screenings on potential volunteers, working an 8 hour shift as a technician on the studies, learning to put on EEG electrodes, administering cognitive tasks, and other tasks as assigned.

Desired Class Level(s): Junior, Senior, Master's Student

Salary Level: \$11

Volunteer Policy/Research Intern Needed- open start date

Minority Business Roundtable

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): Africana Studies, Public Policy, Social Work, American Studies, Economics, Financial Economics, Graphic Design, Political Science, Psychology, Sociology, Policy Science

Location(s): Baltimore- 5 miles from campus, Maryland (United States)

Description: The Minority Business RoundTable is the only national membership organization for CEOs of African-American-, Hispanic-American-, Asian-American-, and Native-American-owned top-tier businesses, representing a variety of trades and industries.

The office, which is located 5 miles from campus, is interested in hiring a UMBC intern interested in policy and research working with a national advocate for minority entrepreneurs. Someone with web design experience is a plus, but this is not required.

MBRT represents the first formal opportunity for CEOs of large minority-owned firms to collectively address issues of common concern to them as employers, profitable organizations, and active corporate citizens. Coming together strengthens their ability to develop and influence critical public policies.

Fall 2012 - Research Assistantship

Better Business Bureau of Greater Maryland

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): Business Technology Administration, Public Policy, Economics, Financial Economics, English, Political Science, Psychology, Sociology

Location(s): Baltimore, Maryland (United States)

Description: BBB Greater Maryland located in historic Federal Hill/Tide Point area seeks college intern to assist President/CEO in conducting marketplace research related to fraud, scams, and business practices leading to inherent problems for consumers. Successful candidate will take leads to results by uncovering and confirming the story, obtaining evidence, shopping the business, and ultimately reporting the findings to culminate into media leads, press releases, and system-wide alerts.

Fall 2012 - Advancement Department Intern

American Red Cross

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): All Majors, Communications, Social Work, Health Science and Policy, History, Political Science, Psychology, Sociology, Health Administration and Policy, Anthropology

Location(s): Baltimore, Maryland (United States)

Description: This position provides administrative, event planning, and research support to the Advancement Department of the American Red Cross of Central Maryland.

IN-KIND DONATIONS

- Research products to determine and evaluate potential options
- Develop sourcing plans for products and services
- Outline solicitation program to obtain items and services
- Maintain In-Kind Donation records

VEHICLE DONATION PROGRAM

- Coordinate relationships with current promoters and maintain promotional material supplies
- Identify additional potential promotion outlets
- Develop and implement contact plan
- Develop and implement distribution plan for materials
- Maintain vehicle donation records

CORRESPONDENCE AND EVENTS SUPPORT

- Prepare mail merges and mailings to donor groups
- Assist with developing and preparing invitation lists, invitation design, envelopes and mailings
- Creation and assembly of event materials, e.g. name tags, signs, table tents
- Assist supervisor with coordination and management of sponsors and fulfillment of sponsor benefits

CORPORATE SPONSORS

- Conduct data gathering and other research on current and potential sponsors
- Assist supervisor in preparing proposals for corporate solicitations

DATABASE

- Enter Attribute information about current and potential

Corporations and Individual Donors
Update Constituent Coding for current and potential
Corporations and Individual Donors

Desired Class Level(s): Junior, Senior, Master's Student

Fall 2012 - Assistant Proposal Coordinator

Ross Technologies, Inc. (RTGX)

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): Information Systems, Communications, Education, Business Technology Administration, Financial Economics, English, Graphic Design, Cybersecurity, Economic Policy Analysis

Location(s): Baltimore - on campus, Maryland (United States)

Description: RTGX is seeking to add to its proposal team a part time resource with excellent writing and organizational skills. The candidate must have excellent skills with Microsoft Office and must be able to follow and execute detailed instructions associated with complex Government request for proposals. Skills with graphic software and ability to develop spreadsheets needed to support various mathematical scenarios would be helpful.

This job is ideal for a person who likes to conduct research using the Internet, can collect competitive analysis, technical data needed to complete key elements of a proposal and excellent creative writing skills needed to communicate technical and often blah concepts into complaint but yet interesting language for evaluation by Government personnel.

This position requires attention to detail and excellent ability to develop a proposal schedule and help the organization adhere to time lines and objectives needed to achieve proposal efforts on time.

Desired Class Level(s): Sophomore, Junior, Senior

Salary Level: paid

Fall 2012 - Big Data & Cloud Software and Research

Ross Technologies, Inc. (RTGX)

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): Communications, Computing - Human Centered Computing, Computer Engineering, Computer Science, Cybersecurity

Location(s): Baltimore - on campus, Maryland (United States)

Description: RTGX is at the forefront of research and product development and is seeking a talented resource that can support the development and research needed for our Supply Chain Security product development efforts. Advanced knowledge of software, networks and computer engineering is needed.

Our team is doing research and development to tackle cyber threats at the foundation. We are developing solutions that track counterfeit technology, pre-compromised software and computing solutions or technologies that are of high risk for compromise.

Software development in a database environment experience is needed. Experience building user friendly interfaces and the ability to innovate through research, application of ideas and ability to seek out component technologies that accelerate development without the need to develop from all solutions from scratch.

We are a growing company seeking to establish a foot hold on innovative approaches to cyber solutions and related analytics.

Check us out, tell a friend, join us! You will be in good company!

Desired Class Level(s): Freshman, Sophomore, Junior, Senior

Salary Level: paid

Fall 2012 - Graduate or Undergraduate Research Assistant (Paid)

UMBC Center for Urban Environmental Research and Education (CUERE)

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): Information Systems, Marine-Estuarine-Environmental Sciences, Interdisciplinary Studies, Mathematics, Applied, Chemical & Biochemical Engineering, Mathematics, Statistics, Physics, Applied, Bioinformatics and Computational Biology, Biological Sciences, Chemical Engineering, Chemistry, Computer Science, Physics, Atmospheric, Environmental Science, Environmental Studies, Geography, Mechanical Engineering, Physics, Civil & Environmental Engineering, Electrical Engineering, Engineering, Biochemistry

Location(s): Baltimore, Maryland (United States)

Description: Graduate or undergraduate students are needed to participate in a science synthesis project that will gather information and literature aimed at assessing our current knowledge and research needs for the use of urban forestry practices (and other vegetation) in stormwater management practices in urban catchments.

The project will synthesize this information to recommend how an integrated science based approach to urban stormwater management can be used to produce sustainable, long-term green infrastructure-based urban water systems that are integrated into the socio economic fabric of urban landscapes.

The successful candidates will have excellent verbal and writing skills and be comfortable with obtaining and synthesizing technical and sociological information from a variety of sources (contacts, literature searches, workshops, webinars, etc) and working in a team environment (facilitating workshops, webinars, etc.) where they will also perform a variety of tasks in facilitating the information collection and management process.

The students will also be instrumental in synthesizing this information into useable published products that also provide a foundation for future work. The rate of pay is \$15/hr for 40 hours per week from approximately May 15 to August 15.

The students will be employed by CUERE (<http://www.umbc.edu/cuere>) and reporting to Ken Belt (kbelt@fs.fed.us), USDA Forest Service hydrologist and aquatic ecologist located in UMBC's research park on

campus, working closely with CUERE and other UMBC staff.

For best consideration, please send a resume, unofficial transcript, and cover letter including the names of three references to Ken Belt at kbelt@fs.fed.us. Applications will be considered upon receipt.

Desired Class Level(s): Junior, Senior, Master's Student, Doctoral Student, Alumni

Salary Level: \$15

Fall 2012 - Math Modeling Intern

UMBC Goddard Earth Sciences and Technology Center (GEST) & Joint Center for Earth Systems Technology (JCET)

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): Mathematics, Applied, Chemical & Biochemical Engineering, Mathematics, Statistics, Bioinformatics and Computational Biology

Location(s): Greenbelt, Maryland (United States)

Description: Climate and Public Health Research Opportunity

A part-time student is needed to assist in climate-based modeling of infectious disease transmission project funded by NASA. The candidate will contribute in the development and analysis of the mathematical model, as well as processing satellite-derived meteorological parameters.

Qualifications:

- Upper-level undergraduate or graduate level in applied mathematics, statistics/biostatistics, bioinformatics, computational biology, chemical engineering, bio-related engineering and other fields that are at the interface between biology and quantitative studies
- Experience in mathematical and/or statistical modeling as applied to biological problems is necessary (can be demonstrated through courses taken or class projects)
- Preferably have taken any of the following courses: differential equations, simulation, statistics/probability, optimization, signal and systems
- Knowledge of MATLAB, SAS, R, GIS are essential but not necessary

Desired Class Level(s): Sophomore, Junior, Senior, Master's Student

Fall 2012 Intern (Organic Program)

Beyond Pesticides

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): Biochemistry and Molecular Biology, Biological Sciences, Chemistry, Environmental Science, Environmental Studies, Biochemistry

Location(s): Washington, District of Columbia (United States)

Description: Beyond Pesticides is a national non-profit membership organization, founded in 1981, dedicated to educating the public about the toxic hazards of pesticides and safer alternatives. The organization advocates for strong policy to protect public health and the environment. This internship focuses on organic agriculture and the USDA's National Organic Standards.

Responsibilities may include:

- * Researching health and environmental impacts of materials for use in organic agriculture.
- * Producing materials, including factsheets, articles, report contributions, and online materials.
- * Assisting in fielding phone calls and emails from the public, researching and answering information requests.
- * Assist the executive director and program staff with outreach, research and administrative tasks on an as-needed basis.

Interns are given tasks that match their interests, skills and background with Beyond Pesticides' goals. In addition to working on specific projects, interns will gain insight into the importance of grassroots action, the complexities of environmental issues, and how non-profits function.

Internships are based on a small (\$600 monthly) stipend and vary in length from 3 months to 1 year.

Please submit a resume and cover letter outlining what type of internship interests you, what you hope to gain from the experience and what time frame you are available.

Salary Level: ~\$600/month

Marine Education EDU-131 Internship Program

Oceans Research

Position Type: Internship posted through Shriver Center, Research posted through Shriver Center

Desired Major(s): Education, Marine-Estuarine-Environmental Sciences, Biological Sciences, Environmental Science, Environmental Studies

Location(s): Mossel Bay, South Africa, Non-U.S. (South Africa)

Description: Oceans Aware is an organisation dedicated to improving the general public's awareness of the world's marine environment, and ensuring it's stability for future generations.

Interns will make use of the valuable skills and hands-on experience gained with Oceans Aware to teach and enrich the lives of thousands of children in desperate need of knowledge on environmental issues and on sharks in particular. These children are the future South African decision-makers in the economy, education, environmental issues among others, and therefore, being part of this program, will ensure a long term investment for the future of a developing country.

Throughout this project, interns will improve in their teaching and presentation skills; they will gain teaching hours, learn more about shark biology, ecology and evolution, while at the same time, play a crucial part in the conservation of marine life and in the education of those school children. Interns will also gain hands-on experience by collecting data for research projects on shark fisheries and management.

Interns will be exposed to the practical side of research while out at sea with Oceans Research interns. They will get the chance to learn about several white shark research projects such as photo identification, population dynamics, genetic and stable isotope sampling and more.

Desired Class Level(s): Freshman, Sophomore, Junior, Senior, Master's Student, Alumni

Salary Level: unpaid
