**Summer 2013 Students in STEM--Internships**

|  |  |  |  |
| --- | --- | --- | --- |
| Kathy Wang | 12 | NIH - NIBIB | Used carbon nanoparticles to deliver siRNA to cells for gene slicing |
| Robert Liu | 12 | NIH - NHGRI | Investigated unit signaling path in grown deformation |
| Zuri Zhao | 12 | NIH - NIDDK  | Effect of Etoz and BCLII on human hemoglobin switching |
| Bowen Lian | 12 | NIH - NCI | Structural analysis of reverse transcriptase |
| Kayla Sukri | 12 | NIH | Microcopy and 3D imaging |
| Amy Xiao | 12 | NIH | Macrophage response to lipopolysaccharide microbeads |
| Emily Ma | 12 | NIH | Internship |
| Aren Sahakayan | 12 | NIH | Assistant research and development |
| Daniel Kipnis | 11 | NIH-NCI | Fellowship in statistical analysis of relationship between physical activity and sleep |
| Connie Chen | 11 | NIH-NIDA | Volunteer-based research of addiction sciences, namely marijuana and cocaine.  |
| Jennifer Zhang | 11 | NIH-NIDA | Volunteer-based research of addiction sciences |
| Trinish Chatterja | 11 | NIH | Made computer programs for bioinformatics software |
| Milka Piszczek | 12 | NIH-NIBIB  | Analytical ultracentrifugation to determine oligometric states of fluorescent proteins |
| Zuri Zhao | 12 | NIH - NIDDK | ETOZ and BCLIIA in hemoglobin switching |
| Alexander M. Lu | 12 | NIH - NCI | mRNAs within Kaposi’s sarcoma associated herpesoiros |
| Susanqi Jiang | 11 | NIH | internship |
| Tiffany Wang | 12 | NIH - NIDCD | inner ear development |
| Nancy Jiang | 11 | NIH | Cell biology internship |
| Maryam Ghaderi | 12 | NIH | Hematopoetic stem cell transplantation for lupus |
| Yizhen Zhang | 11 | NIH - NCI | 3D reconstruction of cells in the eye; microscopy |
| Suzanne Xu | 12 | NIH - NINDS | Internship |
| Ankita Reddy | 11 | NIH - NICHD | Cancer research |
| Lindsey Noll | 12 | NIH - NCATS | Internship in cell culturing and robotic systems |
| Ellen Yao | 11 | NIH - NCI | Internship |
| Michelle Nguyen | 12 | NIH - NCI | Internship |
| Vivien Chen | 12 | NIH | Internship in developmental cell pathways in relation to liver cancer |
| Trinish Chatterja | 11 | NIH | Made computer programs for bioinformatics software |
| Justin Ku | 12 | SEAP | Ft Detrick - Cell culture research |
| Alex Dang | 12 | SEAP | Biomedical engineering internship |
| Alyssa Hu | 12 | NIST | Internship in infotech/computer science |
| Jana Lu | 12 | NIST | Center for Neutron Research |
| Jessica Young | 12 | NIST | Soot modeling, analysis of molecules and reactions involving reactions, online research for chem database |
| Julia Di | 12 | NASA - JSC | Aid researchers in prototyping Mars Rover (Mars Exploration Design Challenge) |
| Ryan Liiva | 11 | NASA | Inspire internship on real life stem issues |
| Jessica Li | 12 | USUHS - Navy Medical | Internship in viral oncogenesis |
| Siddharth Mathew | 11 | Children’s National Medical Center | Internship |
| Anatol Liu | 12 | Walter Reed Hospital, Johns Hopkins | Research/lab assistant, learned some advanced Java |
| Rico Lizbinski | 12 | Bethesda Neuroscience clinic | Internship, shadowed doctor, research in neurology |
| Amy Wu | 12 | Sarfino and Rhoades- accounting firm | Intern at an accounting firm |
| Meghasena Chavali | 12 | UMD Engineering lab. Bioengineering | Helped undergrads and grads research and helped build a machine that processes apples. |
| Wendy Risso | 12 | George Mason University | Internship at CSMN |
| Jennifer Vuong | 12 | US NAVY | Internship |
| Sasha Maldonado | 12 | UMD LPS | Tested bad construction for transformer prototypes |
| Audrey Long | 11 | USUHS | Internship at APG |
| Richard Shu | 12 | SAMHSA | Investigating mental health in seniors |
| Jon Xia | 12 | MIT LSAIL (part of RSI program) | Path planning algorithms for a Mars exploration mission |
| Sophie Chang | 12 | FDA-ORISE | Bacteria, DNA extraction and sequencing of contigs |
| Danny Flax | 12 | Corbin Creative Databases | Developed iPhone apps for Kentlands company |
| Sara Tolnay | 12 | Hungarian Academy of sciences (Budapest, Hungary) | Neuroscience research studying inhibitory neurons in hippocampus |
| Robin Brown | 12 | UMD Joint Quantum Institute (IRERP) | Research the scattering spectrum of nanocubes at nanoscale distances; design Rf antenna  |
| Jonathon Huang | 12 | Endesco, Inc | Engineering/drainage design for Gaithersburg company |
| Nilchil Patankar | 12 | MCPS web services | Internship, MCPS webmaster |
| Sean Bae | 12 | UMD Cosmic Ray Energetics And Mars Laboratory | Modeled cosmic ray propagaton in the galaxy |
| John Matsen | 12 | ARUP laboratories (Salt Lake City, Utah) | Internship combining cytocines with microspheres |
| Alysha Oswal | 12 | Adventist Healthcare (Gaithersburg) | Internship in the IT department of corporate headquarters |
| Ellin Hu | 11 | Case-Western University | Volunteer in lab with HIV vaccine research and other contagions |
| James Saratis | 12 | Home/Best Buy | Fixing computers; Best Buy Geek Squad |
| George Kyaw | 12 | UCONN | Worked in the cardiovascular lab for 2 months as a lab assistant |
| Karina Ramos | 12 | Village of Rockville Nursing Home | Internship (shadowed staff members) |
| Melissa Lipnick | 12 | Oaxaca, Mexico | Worked in a hospital at a pediatric ward, shadowed doctors |
| Julia Murphy | 12 | Gaithersburg Animal Hospital | Internship doing lab work on blood, urine, etc. |
| Lauryn Ledyard | 12 | APAW Vet Clinic | Shadowing veterinarian |
| Addy Dhungana | 11 | Shady Grove Hospital | Volunteer |
| Jacob Klosowski | 10 | NIST | Computer programming |
| Anagha Lokhande | 10 | Georgetown University Hospital | Neurosurgical Intensive Care Unit-patient care |
| Lipi Agrawal | 10 | Second chance animal shelter | Volunteered/worked with animals on wildlife rehab |
| Vivien Zhu | 10 | Dept of Enviromental Protection | Work in electrofishing and creek monitoring |
| Stuti Ganatra | 9 | GEMS internship | STEM based weeklong internship (Army sponsored) |
| Chris Park | 9 | Military Hospital | Shadowed Surgeon |