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| **2014 Project Seed Summer One – Mentors and Intern Assignments** | | | | |
| **Mentor** | | | | **Research Project** |
| **Kjersti** | | | **Aagaard** | Tillery Epigenomics - Effect of maternal fat and high fat dietary exposure on offspring |
| Baylor College of Medicine | | | | Intern: **Cristian Cachado-Cypress Lakes HS** |
| **Richa** | | **Chandra** | | Effects of Lipophilic versus Hydrophilic Antioxidants on in vitro Oxidation of Biomolecules involved in Cardiovascular Disease Progression |
| University of St. Thomas | | | | Intern: **Ryann Cartwright \_ Reagan High School** |
| **Oluwatoyin** | | **Asojo** | | Structure Based Drug discovery |
| Baylor College of Medicine | | | | Intern: **Zuriel Hodge – Thurgood Marshall** |
| **Gina** | | **Chiarella** | | Synthesis Of Transition Metal Complexes |
| Prairie View University | | | | Intern: **Richard Qian- Cypress Ranch High School** |
| **Hua-Jun** | | **Fan** | | Computational chemistry application on reaction mechanism |
| Prairie View University | | | | Interns: **Victoria Taylor – Yes Prep Southwest & Chevis Lucky – Cypress Ridge HS** |
| **Yingchun** | | **Li** | | Synthesis and Characterization of Dyes for Dye-sensitized Solar Cells |
| Prairie View University | | | | Intern: **Nancy Osazuwa – Harmony HS** |
| **Gururaj** | | **Neelgund** | | Synthesis and characterization of graphene nanosheets |
| Prairie View University | | | | Intern: **Chrisan-Kay Clarke – Cypress Springs HS** |
| **Bert** | | **O'Malley** | | Mechanism of breast cancer cell tumor growth |
| Baylor College of Medicine | | | | Intern: **Ronesia Martin- Hastings HS** |
| **B. Montgomery** | | **Pettitt** | | Aqueous Solvation of Proteins and DNA |
| University of Texas Med Branch – Galveston | | | | Intern: **Jordan Murray- Galveston Ball HS** |
| **Pierre Tutunjian**  **Pat Killough & Dave Denley** | | | | Nuclear Magnetic Resonance Analysis of Base Oils |
| Shell Global Solutions | | | | Intern: **Ngoc Minh Pham** – **Westbury HS** |
| **2014 Project Seed Summer Two – Mentors and Intern Assignments** | | | | |
| **Mentor** | | | | **Research Project** |
| **Oluwatoyin** | **Asojo** | | | Structure Based Drug discovery |
| Baylor College of Medicine | | | | Intern: **Gonteria Robinson – Madison HS** |
| **George** | **Bennett** | | | Conversion of galactose-rich soligosaccharides to biofuels |
| Rice University | | | | Intern: **Denwis La – Northshore HS** |
| **Richa** | **Chandra** | | | Effects of Lipophilic versus Hydrophilic Antioxidants on in vitro Oxidation of Biomolecules involved in Cardiovascular Disease Progression |
| University of St. Thomas | | | | Intern: **Edwin Rodriguez – CE King HS** |
| **Francesco** | **DeMayo** | | | Molecular Mechanisms of uterine biology |
| Baylor College of Medicine | | | | Intern**: Rubi Valenzuela –YES Prep East End** |
|  | | | | Intern: **Me’kelle Caballero - Hightower** **HS** |
| **David** | **Thompson** | | | Patterning sphere masks for LSPR and SERS sensing |
| Sam Houston State University | | | | Interns: **Kelly Gray & Xavier McNeil** – **Huntsville HS** |