



**Research Associate**

**Full Time Position**

Cypris Materials, Inc.

Alameda, CA

**Company Overview**

Color production is trapped in a dirty chemical process. Little has changed on how the industry makes colors since Dorothy put on her brilliant red ruby slippers or DaVinci painted the Sistine chapel. The Colorant industry painstakingly produces one color at a time, leading to endless recipes for production, the use of dangerous contaminants, and one-off manufacturing processes.

Color is important - It is a critical medium for humans to express, communicate, and inspire. Every industry spends countless hours choosing the aesthetic associated with its brand, logo, and products. Brands benefit from true color innovation yet are burdened with financial and environmental risk from today's colorants. A clean platform approach to how colorants are made and managed can release an innovative rainbow.

Cypris Materials decouples color production from the messy chemistry setting colors free from limitation. The company was founded in Berkeley on 11 patents to commercialize a color platform that broadens the color gamut, reduces manufacturing hassle, simplifies formulation, and doesn't pollute the environment. We accomplish this feat without pigments, dyes, metals, or expensive engineering processes. Our team has developed a paintable biomimetic color platform, called structural color, which integrates bioderived materials, to enable color the world has never seen before. Cypris Materials' technology helps industry-leading companies redefine the capabilities of color to differentiate their brand and product.

**Position Profile**

Cypris is looking for a motivated research associate who is driven by the opportunity to make a significant impact at the ground level of a small energetic team with an innovative technology. The successful candidate will be a curious and fast learner that can work efficiently. They will have the ability to wear many hats and adapt to changing environments, making good, independent judgement calls and work well in a team to accomplish the highest priority goals.

The person will have a direct responsibility for strengthening the company's performance:

- Formulating new paints and inks for various end use application
- Developing SOPs for masterbatch formulations, characterization, application, and QA/QC of produced coatings
- Optimizing, scale and improve coating quality and manufacturability
- Following SOPs to execute daily operation and routine cleaning and maintenance of coating/application tools
- Maintaining proper laboratory shutdown, startup, and operation procedures
- Interfacing with partners and fulfilling customer sample orders

The individual will report to our formulation team lead and ultimately catalyze the development and optimization of Cypris Materials' structural color for translation to market.

**Background and Experience**

The ideal candidate will have a background in ink development and application and demonstrates the ability to address technical challenges and provide creative solutions. Key skills and previous experience:

B.S. or M.S. in chemistry, materials science, chemical engineering, or related scientific discipline

- Wet chemistry lab experience required, hands-on formulation and application development a strong plus.
- Familiarity with solvent, water, and crosslinking chemistries
- Experience with scaling-up formulation and processes for production
- Excellent organization, communication, and project reporting skills
- Understanding of material property relationships

We are an Equal Opportunity Employer. We do not discriminate in recruitment, hiring, training, promotion, or other employment practices for reasons of race, color, religion, gender, sexual orientation, national origin, age, marital or veteran status, medical condition or disability, or any other legally protected status.

