



vision | innovation | reality

Universal Display Corporation (UDC) is a world leader in the development of innovative organic light emitting device (OLED) technology for use in flat panel displays, lighting and other opto-electronic applications.

UDC is headquartered near Princeton, New Jersey. In a uniquely-designed, 40,000 square-foot facility, our team of scientists, engineers and business professionals perform leading-edge technology development, fabricate engineering prototypes, and engage in technology transfer with a variety of research, manufacturing and product development partners to promote the adoption of our proprietary OLED technologies.

Universal Display Corporation offers excellent career opportunities for those who thrive on cutting-edge research and development and have the drive to contribute directly to the success of the company. The technical team at UDC is a multi-disciplinary team that spans from organic materials' experts to innovative display designers.

Research Scientist, Flexible OLED Displays and Lighting

Reporting to the Department Manager of the Flexible OLED Department, the Research Scientist will be responsible for providing technical and project leadership in several of the activities within the Flexible OLEDs department which may include developing OLED lighting technologies and applications with specific focus on thin film technologies to enhance the performance of a large size lighting panel. In addition the Research Scientist will be part of a team that is responsible for the design and build of OLED lighting prototypes. The scientist will have the opportunity to take part in the development of an exciting technology in an emerging industry with the potential to significantly impact world wide energy consumption.

Additional Responsibilities:

- Ensuring that all tactical and strategic scientific initiatives undertaken promote UDC's business vision.
- Assist the Department Manager in the development of the strategic and tactical initiatives in support of the business.
- As a member of the integrated team, provide technical vision and work with the project team to produce critical results at a rapid pace.
- Maintaining good relationship with partners.
- Using a hands-on approach to achieving project goals.
- Work in a cross disciplinary environment to support other projects and departments in pursuit of UDC's technical and business goals.
- Writing technical reports and scientific papers
- Developing intellectual property

Qualifications:

- A Ph.D. in a technical field is required, with desirably an emphasis in materials and thin film opto-electronic devices.
- Strong understanding of optics preferable with experience in organic or inorganic LEDs for lighting applications.
- Highly motivated, self-confident, team oriented scientist.
- Experienced with the research and development of innovative technologies and transferring them into business applications.
- Practical experience with thin film deposition techniques including sputtering, thermal evaporation and photo-lithography.
- Track record of successfully leading projects and teams that have met their assigned project goals.
- Strong communication skills – will be accustomed to participating in high-level technical discussions, while at the same time, possessing the ability to discuss complex technology in clear discernable terms.
- Ability to develop a positive working environment and to excite others in order to achieve personal and corporate goals in a fast paced environment.
- Strong team player and high degree of integrity.
- Self-starting orientation with the intense desire and drive to "make things happen".
- Strong oral and written presentation skills.