

## Job Openings: Scientists/Engineers

### Job Summary

Energy Materials Corporation is seeking Scientists and Engineers to participate in technology development of thin film photovoltaic devices at our Rochester, NY facility. The positions will support the commercialization of perovskite-based solar modules for production on high-speed roll-to-roll coating and printing equipment.

### Responsibilities and duties

- Design next-generation solar products with a cross-functional team of scientists and engineers, including partners at US National Labs, leading universities and both large corporations and small startup companies
- Innovate and develop new methods, materials and equipment for high-volume manufacturing
- Analyze performance of photovoltaic devices based on understanding of photophysical mechanisms
- Conceive, plan and execute experiments on lab scale and pilot scale coating and sintering equipment
- Ensure smooth transition of benchtop methods for use on pilot production equipment
- Discover and demonstrate solutions to technical issues limiting performance of high efficiency photovoltaic devices
- Some travel (post pandemic)

### Desired qualifications and skills

- Electrical Engineer, Physicist, or Material Scientist with Ph. D. or M.S and 3+ years of industry experience
- Deep knowledge of photovoltaic device physics, laser scribing and characterization
- Strong lab skills and expertise in experimentation
- Capable of planning and executing complex experiments and keeping detailed records
- Excellent verbal and written communication skills
- Driven, hands-on individual with strong interpersonal skills and an ability to work both independently and in a multi-disciplinary, multi-location team environment with ambitious goals and deadlines

### About Energy Materials Corporation

Energy Materials Corporation is an American innovator and manufacturer developing high performance renewable energy products to meet the terawatt scale required to underpin the urgent global decarbonization effort. Launched in 2010 with a mandate to establish a new class of optoelectronic materials, our vision is to create disruptive solar energy products that combine low-cost manufacturing with high performance solar technology. Headquartered in Rochester, N.Y., EMC is partnered with academic, corporate, and national labs, rapidly scaling up perovskite photovoltaic technology on existing roll-to-roll equipment. Our mission: deliver terawatt-scale solar energy to meet the compressed timeline for the solar sector's contribution to 2050 emissions reduction targets.

Please respond with a resume to: [recruitment@enmatcorp.com](mailto:recruitment@enmatcorp.com)