Prof. Wyatt Tenhaeff (Dept. of Chemical Engineering, University of Rochester) has an open position for a postdoctoral research associate to develop polymer thin films for optical coating layers in AR/VR applications. The postdoctoral associate will develop unprecedented process technologies to precisely control the composition and material properties in ultrathin polymeric layers (on the order of 10nm in thickness). Complex multilayer structures will also be developed to precisely modulate light-matter interactions. The polymer films will be synthesized using initiated chemical vapor deposition (iCVD), which is an unparalleled polymer thin film fabrication technique, offering exquisite control over composition, film microstructure/morphology, and coating conformality. The project will involve significant industrial collaboration with the project sponsor – a well-known, multinational corporation headquartered in “Silicon Valley.”

**Requirements:** Candidates should possess a Ph.D. in Chemical Engineering, Materials Science, Chemistry, or related field and should have strong training in polymer science and engineering. Candidates with polymer thin film expertise – synthesizing, processing and characterizing materials in thin film format – will be given special consideration. Experience with optical coating technology and/or vacuum deposition techniques is not required but is a strength.

**Details:** The position is open immediately, but the start date is negotiable. The initial appointment is for one year with continuation contingent upon research progress and project funding. Salary will be commensurate with experience, training, and qualifications. Benefits are included. Interested persons should submit a full curriculum vitae and letter describing their background and specific experience. Please email materials to:

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**Rochester:** The University of Rochester is a private university located in Western New York state. You can find out more about the university at [www.rochester.edu/about](http://www.rochester.edu/about) and living in Rochester at [www.rochester.edu/about/community](http://www.rochester.edu/about/community).

The University of Rochester has a strong commitment to diversity and actively encourages applications from candidates from groups underrepresented in higher education. The University of Rochester is an Equal Opportunity Employer.