

The Center for High Technology Materials (CHTM) at the University of New Mexico (UNM) invites applications for a full-time postdoctoral research associate position in the area of **semiconductor optoelectronics**, and in particular **injection-locked semiconductor ring laser**. The successful candidate will work on development of advanced semiconductor laser sources based on nanostructures for applications in ultrafast fiberoptic communication systems and in future 5G networks. Extensive experience with semiconductor laser design, cleanroom fabrication, and testing is required. Strong publication record is desirable. Applicants should have or expect shortly to obtain a Ph.D. or equivalent degree in electrical or electronic engineering, nanotechnology, physics, materials science, or related discipline.

Proficiency required in both oral and written expression in English. Ability to attract funding from outside sources is also desirable. The appointee will join a multidisciplinary research group, with strong interactions with other research teams and institutions. Enquiries and informal, confidential applications can be made by phone or email to Prof. Marek Osinski (505-272-7812, osinski@chtm.unm.edu). Formal applications, including detailed curriculum vitae, complete list of publications, statement of research interests, and the names of three references, should be sent to **Professor Marek Osinski, Center for High Technology Materials, University of New Mexico, Albuquerque, NM 87131, USA**. Tel. (505) 272-7812, fax 272-7801, email address osinski@chtm.unm.edu. The position is available immediately and will remain open until filled. The University of New Mexico is an Affirmative Action/Equal Opportunity Employer and encourages applications from women and minorities.