

# Faculty Positions, Materials Science and Engineering : Tel-Aviv University, Israel

The Faculty of Engineering at Tel-Aviv University (TAU) invites outstanding applications for new faculty at the ranks of Senior Lecturer or Associate Professor (tenure-track), or Professor (tenured).

Faculty with expertise in the following areas are of particular interest, though outstanding scholarship will be the key criterion in selection:

- Crystallography and advanced materials characterization (with preference to electron microscopy and diffraction techniques)
- Computational materials science
- Materials synthesis and processing
- Physical metallurgy (including phase transformation and diffusion in solids)
- Materials for advanced energy systems
- Nanomaterials and nanotechnologies (with preference to cross-disciplinary research, e.g. nanomechanical characterization of biological matter)
- Mechanical characterization of structural materials
- Advanced polymers, ceramics and composites
- Functional materials

The successful applicant will run a world-class research program, offer undergraduate and graduate courses in materials science and engineering, have excellent communication skills, and have a strong commitment to university service. Cross-disciplinary research activities engaging faculty from different academic units at TAU are encouraged. Senior candidates must have international standing, an exceptional record of publishing and external funding, and a demonstrated record of scientific leadership. Junior candidates must demonstrate promise towards similar achievements.

Applicants should submit an application packet containing a cover letter with complete contact info, a detailed *curriculum vitae* with a list of publications, their best three peer-reviewed (or in review) manuscripts, a research plan (including the planned lab and the start-up package required to assemble it), a teaching statement, and the names and contact information of at least three internationally acclaimed references.

All applications should be submitted electronically to the Search Committee Chair, Prof. Noam Eliaz, e-mail: [neliaz@eng.tau.ac.il](mailto:neliaz@eng.tau.ac.il). Please submit PDF files only. A limited number of positions will be kept open until filled, but priority will be given to applications received before **December 31, 2012**.