

Postdoctoral Position - MIT, Cambridge, MA: Become part of a team to apply image analysis tools to assess DNA damage in people exposed to environmental carcinogens. An exciting postdoctoral position is now available at MIT to work on translational research related to DNA damage and repair. As part of the MIT Center for Environmental Health Sciences, the MIT Superfund Research Program, and the Department of Biological Engineering, this opportunity provides the opportunity to do work that has the potential to impact public health. A key aspect of the project is to contribute to studies of DNA damage and repair for Native Americans. There are concerns about the impact of metals on DNA repair capacity, and interventions are underway to provide zinc supplementation to offset the deleterious effects of metals that contaminate the environment. This position includes working closely with collaborators at the University of New Mexico to leverage in-house technology to address this public health challenge. In addition, this position offers the opportunity to be part of a team that is leveraging machine learning for image analysis technologies that can be used to assess DNA damage (prior experience in image analysis is not required and participating in programming is optional). Interested applicants should contact Bevin Engelward (Prof. of Biological Engineering; Director of the MIT Superfund Research Program [bevin@mit.edu]). Women, people of color, people who are differently abled, and members of the LGBTQ+ community are encouraged to apply.

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