Sealing Ability of Fiber Posts
Jorge Perdigao
Department of Restorative Sciences, School of Dentistry, University of Minnesota
NNIN Facility utilized: Characterization Facility

- Compare fiber-reinforced posts used to restore root canal-treated teeth
- Test their sealing ability (prevent microleakage into the root canal) using ammoniacal silver nitrate under the backscattered FESEM

MAJOR OBSERVATIONS
- None of the post systems prevented infiltration of silver ions;
- The new Eglass-based fiber post does not perform at the level of existing post systems.

Publications
- PERDIGÃO J, SANTOS V, GOMES G, SILVA A. Sealing ability of three fiber posts. 2008 AADR meeting, abstract #1063 (accepted).