

Newell Washburn, Associate Professor

Departments of Biomedical Engineering and Chemistry
Ph.D., 1998, University of California, Berkeley



The research of Professor Newell Washburn is focused on molecular engineering of materials for use in biomedical applications. His current work centers on developing therapies for local control of inflammation, with applications to burn treatment, and on establishing microstructured adhesives for reversible binding to tissues, with applications in medical robotics.

Professor Washburn has published over 40 papers and has been a recipient of the 3M Non-Tenured Faculty Grant and the Wallace H. Coulter Translational Research Award. He also holds an international patent to apply polymer gels conjugated with antibodies against cytokines for promoting the wound healing process.

