The constructions in "Stable Homeomorphisms" can be extended to investigate homeomorphisms of $B^k \times R^n$ which fix $\partial B^k \times R^n$. Since $B^k \times R^n = B^k \times \text{int } B^n$, we get a tool for isotoping a topological handle $B^k \times B^n$ to a PL handle modulo $\partial B^k \times B^n$. Then the theorems of "Stable Homeomorphisms" generalize to manifolds.

Theorem: Let M^m be a topological handlebody, closed, open, or with boundary. Then the space of homeomorphisms of M^m , with the compact-open topology, is locally contractible.

Conjecture 1 (k,n): Let $h: B^k \times T^n \longrightarrow W^{k+n}$ be a homeomorphism which is PL on $\partial B^k \times T^n$. Then h is homotopic to a PL homeomorphism g where g = h on $\partial B^k \times T^n$.

Conjecture 2 (k,n): Let $f: B^k \times T^n \longrightarrow B^k \times T^n$ be a PL homeomorphism sufficiently close to the identity, with f = id. on $\partial B^k \times T^n$. Then f is PL isotopic to the identity modulo $\partial B^k \times T^n$.

Theorem: Let Q^q be a PL manifold and P^q a non-empty open submanifold with $\partial Q \subseteq P$. Let h be a homeomorphism of Q which is PL on P. Then if $q \ge 6$ and either conjecture holds for all k,n with k+n=q, then h is ϵ -isotopic to a PL homeomorphism modulo a slightly smaller manifold P'.

Corollary: If $q \ge 6$ and either conjecture holds for all k, n with k+n=q, then any stable manifold is triangulable. Then simply connected manifolds are triangulable since they are stable.