Let \( \Omega \) be a bounded convex domain in a separable Hilbert space. Let \( f : \Omega \rightarrow \Omega \) be a holomorphic mapping with a fixed point \( p \). We give a criterion, in terms of triangularizability and spectral properties of \( df_p \), for \( f \) to be biholomorphic. This is joint work with Joseph A. Cima (Chapel Hill), Kang-Tae Kim (Pohang University of Science and Technology, Korea), and Steven G. Krantz (Washington University, St. Louis).