Schematic illustration of the changes in a scientist's "research port-
folio" over time. Each color represents a different research area. Resources
entail any intellectual or methodological assets that a scientist uses to address
scientific problems from each research area. "Conversion" repurposes knowledge
to new goals. Displacement is the replacement of certain research interests with
little or no transfer of prior knowledge. Layering is the introduction of new
research interests via the addition of new knowledge.
Conversion green!30 Resource 8 Lavering vellow!30 Resource Z Displacement
green!30 Resource 7 yellow!30 Resource Y
red!40 Resource 6 red!40 Resource X
red!40 Resource 5 red!40 Resource 5
red!40 Resource 4 red!40 Resource 4
blue!40 Resource 3 red!40 Resource 3
blue!40 Resource 2 red!40 Resource 2
blue!40 Resource 1 red!40 Resource 1