Taking the German Nobel Prize winner in literature Herman Hesse’s Das Glasperlenspeil (The Glass Bead Game) as point of departure and couple this with the British philosopher Roy Bhaskar’s writings about interdisciplinarity the presentation will elaborate on understanding disability research as a truly interdisciplinary endeavor. By using the metaphors in Das Glasperlenspeil and a Critical realist general theory of interdisciplinarity the presentation outlines the basic ideas of interdisciplinary disability research. The overarching aim is to discover the boundaries of, or uncover the structures of, impediments to and causes of disability and to demonstrate how these coalesce, occur over time and interact. The main focus is on integration of knowledge that includes a multiplicity of different mechanisms at a multiplicity of different levels. Critical realism critiques a priori reductionism which is the artificial reduction of a complex nexus of causal mechanisms, to a single underlying type of mechanism. There is always a multiplicity of causes and mechanisms required to explain an event of concrete phenomenon. It is important to encourage pluralism, or substantive theoretical tolerance, at any one level, so as to allow the rational choice of the best among competing theories. Each level of reality requires its own theories, concepts and methods. Hence, doing interdisciplinary research depends on cross-disciplinary understanding between the members of a research team. In disability interdisciplinary research we must aim for a situation in which team members feel comfortable to work with others from different disciplines.