

The role of grammar in computer-aided metaphor research

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One of the key findings from studies on the interaction of conceptual metaphor with grammatical constructions is that generalizations exist in how the metaphoric source and target domains are expressed in argument structure constructions (Sullivan 2013, David 2016). For instance, in transitive constructions, it is the verb that evokes the (concrete) metaphoric source domain, while the direct object evokes the (abstract) metaphoric target domain, and not the reverse. Examples of this include **crush someone's spirit** and **tackle poverty**. Indeed, as I will argue in this talk, when analyzing the full range of argument structure constructions some cross-constructional as well as cross-linguistic generalizations begin to emerge. g. ECG is a version of grammatical structures as hierarchically-organized. I show how establishing such links has been a key system (Stickles et al. 2016). Finally, I show how the annotation of metaphor in corpora. I introduce the Constructional Annotation Net – in order to track