

SciSIP project, “MOD Measurement and Analysis of Highly Creative Research in the US and Europe,” NSF Award 0738126

This project investigates features of the research environment that enables and fosters highly creative research in nanotechnology and human genetics in the US and Europe. Based on a survey of nominees and a dataset of prize winners in these two fields, the project created variables from a CV analysis to explore the influence of these research environment factors.

Codebook

Variable Name	Description
Person_ID	Unique ID of researcher
HCR_MATCH	Researcher type: Highly creative researcher or matched researcher. 1 for HCR; 0 for Match
HG_NANO	Research domain: 1 for Human genetics ; 0 for nanotechnology
EU_US	Country affiliation in 2005 when the survey was conducted. 1 for EU; 0 for the US
NumEduInst	Number of institutions from bachelor's degree to Ph.D. degree
Phd_Year	Year of getting the 1st highest degree (Ph.D. or MD)
PostDoc	Dummy variable for Postdoc experience. Yes 1; No 0
EarlyJobAcademic	Dummy variable, working experience in academic institution within the first 6 years of terminal degree. Yes 1; No 0
YearGrn,_NonUniv	Starting year of the first non-university research or educational funding grant award
NumGrnTyp	Number of different types of research or educational funding grants received, where a type of grant reflects the name of the grant program within a funding agency