1. Record Nr. UNINA9910786914003321 Science of science and innovation policy: principal investigators' Titolo conference summary // Kaye Husbands Fealing, Alexandra S. Beatty, and Constance F. Citro, rapporteurs Washington, District of Columbia: .: National Academies Press. . 2014 Pubbl/distr/stampa ©2014 **ISBN** 0-309-30273-0 0-309-30271-4 Descrizione fisica 1 online resource (127 p.) Disciplina 338.97306 Soggetti Science and state - United States Science - Social aspects - United States **United States** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references. Nota di bibliografia ""Front Matter""; ""Acknowledgments""; ""Contents""; ""1 Introduction Nota di contenuto and Background""; ""2 Opening Sessions""; ""3 Project Descriptions: Incentives, Governance, and Innovation""; ""4 Project Descriptions: Work and Collaboration""; ""5 Project Descriptions: 21st Century Data""; ""6 Perspectives on the Science of Science Policy""; ""References"": ""Appendix A-- Conference Agenda and Participants""; ""Appendix B--Lists of SciSIP Awards, 2007 through 2013"" "Science of Science and Innovation Policy summarizes a public Sommario/riassunto conference convened by the Committee on National Statistics of the National Academy of Sciences/National Research Council to present research funded by SciSIP and foster intellectual exchange among funded researchers, science, technology, and innovation policy practitioners, and other members of the science community. The conference highlighted advances in the emerging field of the science of science and innovation policy, in particular, models, frameworks, tools, and datasets comprising the evidentiary basis for science and innovation policy. This report focuses on return on investment models;

organizational structures that foster accelerated scientific productivity:

linkages between commercialized scientific knowledge and job creation; the roles of universities and government in technology transfer and innovation; technology diffusion and economic growth; non-economic impacts of science and innovation expenditures; regional and global networks of knowledge generation and innovation; mechanisms for encouraging creativity and measuring outputs and outcomes from transformative research; and development, manipulation and visualization of data representing scientific activities."