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| Titolo | Who's asking? : Native science, Western science, and science education // Douglas L. Medin and Megan Bang |
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| ISBN | 0-262-31943-8 |
| Descrizione fisica | 1 online resource (295 p.) |
| Altri autori (Persone) | BangMegan <1975-> |
| Disciplina | 303.48/3 |
| Soggetti | Indians - Science Indian philosophy Science - Philosophy Ethnoscience Science - Study and teaching Indians - Education Science - Social aspects Science - Political aspects Electronic books. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Introduction: Who's asking? -- Unsettling science -- Maps, models and the unity of science -- Values everywhere within science -- Science reflects who does it -- Culture and issues in cultural research -- Psychological distance and conceptions of nature -- Distance, perspective taking, and ecological relations -- Complicating cultural models : limitations of distance -- The argument so far -- A brief history of Indian education -- Culturally-based science education : navigating multiple epistemologies -- Community-based science education : Menominee focus -- Community-based science education : AIC focus -- Partnership in community : some consequences -- Summary, conclusions, implications. |
| Sommario/riassunto | The answers to scientific questions depend on who's asking, because the questions asked and the answers sought reflect the cultural values |

and orientations of the questioner. These values and orientations are most often those of Western science. In *Who's Asking?*, Douglas Medin and Megan Bang argue that despite the widely held view that science is objective, value-neutral, and acultural, scientists do not shed their cultures at the laboratory or classroom door; their practices reflect their values, belief systems, and worldviews. Medin and Bang argue further that scientist diversity -- the participation of researchers and educators with different cultural orientations -- provides new perspectives and leads to more effective science and better science education. Medin and Bang compare Native American and European American orientations toward the natural world and apply these findings to science education. The European American model, they find, sees humans as separated from nature; the Native American model sees humans as part of a natural ecosystem. Medin and Bang then report on the development of ecologically oriented and community-based science education programs on the Menominee reservation in Wisconsin and at the American Indian Center of Chicago. Medin and Bang's novel argument for scientist diversity also has important implications for questions of minority underrepresentation in science.
