



The Future of Workforce Learning and Development

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October 17th 2013: Special Encore Presentation: The Power of Science, Technology, Engineering and Mathematics (STEM)

This "Power of STEM" episode examines emerging practices and challenges facing the STEM community. We focus on the actions that companies, international organizations, government agencies, communities, professionals, students and parents can take to seize the opportunities that translate into jobs and thriving careers. While 50% of jobs today require some degree of technological skill, ASTRA projects that 77% of jobs will require such skills by 2023. Of concern, less than 15% of U.S. college undergraduates are currently pursuing degrees in science or engineering. In comparison, more than 30% o

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Featured Guests



Phil Lafontaine

Phil Lafontaine is the Director of the Professional Learning Support Division within the California Department of Education (CDE). His division oversees many statewide professional development programs as well as provides technical assistance to schools and districts in all curricular areas including STEM. Currently, he is California's lead in the national effort to develop the Next Generation of Science Standards, which will become the basis for the revised California Science Standards. His division also provides assistance in the areas of both teacher and administrator quality and certifications. Prior to becoming the director, he was the administrator of the Mathematics and Science Leader

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Robert Spurrier Boege

Robert Spurrier Boege ("Bur—ga") is Executive Director of the STEMConnector™ Project and has served as Executive Director of ASTRA, the Alliance for Science & Technology Research in America since December 2000. Boege also serves as Vice President for the ASTRA / STEMconnector partnership. Boege has served as principal investigator for three major projects related to the STEM Workforce and Innovation. Boege has served in various positions within the government, the nonprofit sector and industry. He brings extensive legal, database visualization, management and digital media expertise to the policy arena. Boege has created documentation for taxonomic and nomenclature projects related to liti

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