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The Physics Educator: Findings and Insights

Wednesday 15 June 2016 14:15 (15 minutes)

The focus of this talk will be on the findings and insights of mentoring and editing a text which focused on the essence of 'story', as it relates to the experiences of physicists and physics educators at the tertiary level. The original call for chapters indicated, that each author who is either a physicist and/or a physics educator address their career path to their current role as a physicist or physics educator, or they could address their present situation including what each does as a physicist or physics educator, possibly including a discussion of the courses taught and strategies which they have found effective in their teaching environment, the issues faced, and lastly their vision for the future of physics as a discipline –a science and the trajectory of physics education research. The contributors present their perspectives and research findings both within and outside the lines of traditional frameworks whereby they infuse context, events, and experience; our intention is to present a number of perspectives of the work roles of physicists and physics educators and researchers within post-secondary education (PSE). The views of the experienced instructor include first-hand insights and details of practice that are instructive, and somewhat unique. This unique post-secondary perspective, with its diversity, provides a rich source of authenticity.

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