

Abstract for an Invited Paper  
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**Translating brilliance: Facilitating communication and growth among university and K-12 STEM faculty<sup>1</sup>**

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The STEM world is broad, diverse, and receiving lots of press as a single entity even though STEM practitioners are diverse as any group can be. As barriers to interdisciplinary research blur or fall completely, the importance and connectedness of STEM preparation and communication among young children, middle and high school students, teachers of those students, undergraduates, grad students, post-docs, faculty, corporate researchers, legislators, and the public at large has become more important than ever. The Science House at NC State University has spent 17 years finding creative ways to implement ageless truths and cutting-edge research to foster collaboration among people with common goals and interests but remarkably different cultures and means of communication. In this session we will discuss key lessons from those 17 years of work and find ways to continue to grow communication and collaboration in the pursuit of excellence.

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