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The Maryland PERG: Two decades of learning how students learn¹

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Over the past twenty years, the University of Maryland's Physics Education Research Group (UMd-PERG) has carried out educational research and development using a variety of NSF funding opportunities, building from basic research in cognitive modeling, to instructional materials development, to basic research on professional development. The group has drawn on opportunities in teacher training, K-12 teaching and learning, and university level research and development. In this talk I will recap some of the key lessons we have learned and how it all fits together.

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