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Training PhD Physicists for Industrial Careers: The Industrial Leadership in Physics Program at Georgetown University.

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The Physics department at Georgetown University has a unique PhD level graduate program designed to prepare PhD physicists for positions in high-tech business. Launched in 2001, the Industrial Leadership in Physics (ILP) graduate program combines training in technical subjects and business topics with a focus on group learning, communication skills, and practical work experience. Some highlights of the program include a modular curriculum in fundamental physics, centered on solid-state physics, instrumentation, problem solving and computer modeling; a year-long apprenticeship at the site of an industrial partner chosen to match the interests of the student and coursework in the McDonough School of Business at Georgetown. This presentation will give an overview of the program.