ATUMS is an international training and research partnership between the University of Alberta and the Technical University of Munich. ATUMS bring together a team of world leading experts from the UofA and TUM Chemistry, Physics and Electrical Engineering Departments to train and equip the next generation of scientists and engineers in the development of advanced materials with a focus on establishing a responsible energy economy. Our program reaches beyond traditional discipline specific technical training and offers trainees with true international, cross-disciplinary supervision, international exchange visits, as well as extensive personalized professional development training. This presentation will describe our 10-year ATUMS journey and our vision for the future.