

Grant Baker is a full Professor in the School of Engineering at the University of Alaska Anchorage (UAA). He holds a B.S. Chemical Engineering, a M.S. Mining Engineering and a Ph.D. in Geophysics from the University of Alaska Fairbanks (UAF). Grant is a licensed professional Mechanical Engineer in Alaska. In his 18 years teaching at UAF and UAA campuses he has made significant contributions to teaching, research, and professional/public service, teaching more than 17 different courses, and was selected multiple times by students as the outstanding engineering professor of the year both at UAF and UAA, and received the 2005 Chancellor's Award for Excellence for Outstanding Contribution to Students. In 2005, Professor Baker successfully established the Bachelor of Science in Engineering degree program at UAA, the first new engineering program in over 25 years. Students can now specialize in Computer Systems, Electrical, or Mechanical Engineering. After only two years since it was created, more than 250 students have been accepted far exceeding expectations. The new program will bring millions of dollars to the UAA for engineering. His professional and public service is focused around meeting the needs of the engineering students. Professor Baker recently established the student societies for ASME, ASHRAE, and IEEE at UAA with already a total membership of over 100 students in just a few months. In addition, he is establishing an Invention, Innovation, and Entrepreneurship Alliance between the university and industry for developing, patenting and marketing of new ideas.