



Dr. Brian M. Kleiner

Director and Professor

1981 - B Psy

1983 - MS IE-HFE

1990 -PhD IE-HFE

- 2006- Professor, Grado Department of Industrial and Systems Engineering, VT
- 2006- Adjunct Professor, Department of Building Construction, Virginia Tech
- 2006- Adjunct Professor, Department of Civil and Environmental Engineering, VT
- 2006- Core faculty, Myers-Lawson School of Construction
- 2004- Founding director, Center for Innovation in Construction Safety and Health
- 1994-06 Associate Professor, Grado Department of Industrial and Systems Engineering
- 1991-94 Director and Research Scientist, Organizational Systems Laboratory
- 1990-91 Faculty, Cornell School of ILR, Institute for Industry Studies
- 1987-91 Co-founder and director, Center for Industrial Effectiveness (TCIE)
- 1987-91 Training subject matter expert (TCIE)
- 1979-81 Dry waller and carpenter's assistant



Dr. Brian M. Kleiner is director of the Center for Innovation in Construction Safety and Health Research, and director of the Macroergonomics and Group Decision Systems research Laboratory at Virginia Tech. He is Professor of Industrial and Systems Engineering. He is currently adjunct professor of Civil and Environmental Engineering, adjunct professor of Building Construction and is a core faculty member in the Myers-Lawson School of Construction. His educational background has balanced the behavioral and design aspects of Industry, with degrees in both psychology and engineering which is appropriate, given his research focus on work system analysis and design, leading to worker, group and organizational performance, safety/health, culture and large scale improvement.

He has been a strong advocate for improving systems to support workers throughout his career. In the late 80s and early 90s, he was a member of the instructional faculty at Cornell University's School of Industrial and Labor Relations Institute for Industry Studies. He was co-founder and director of the Center for Industrial Effectiveness. The center performs applied research and evaluates the performance of regional industry and provides management, manufacturing, ergonomics and engineering assistance to increase organizations' effectiveness. He was responsible for the complete operations of the center, including human and financial management in a total quality organizational environment as well as serving as a lead researcher and academic teacher. His work at the Center earned Dr. Kleiner two national awards for projects with General Mills, Inc. and Dunlop Tire Corporation and special recognition from then Governor Mario Cuomo. Additional multidisciplinary projects at the University of Buffalo and Cornell served such companies and labor organizations as Falconer Glass, School of Architecture and Environmental Design, General Motors, United Auto Workers, Western Electric and AT&T, Ford, Bell Aerospace, Fancher Furniture, United Rubber Workers, Prestolite, Aluminum, Brick and Glass Workers, United Steelworkers, Motorola, Union Carbide, Leica, BCTGM, MRC-SKF, and General Mills, His work was sponsored by the Department of Economic Development and the State of New York. At Virginia Tech, his work has been sponsored by NIOSH, NSF, DoD, DOE, DoE and Industry. He has taught the capstone design and project management course since 2000, has co-taught the engineering leadership course with Paul Torgersen (former VT President) and teaches a graduate course focused on work system analysis and design.