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Charles Woolley holds a Masters Degree in Biomedical Engineering from the University of Michigan. He has been on the staff of the Center for Ergonomics since 1981 where his primary function is research project support for faculty and graduate students.

In this capacity he designs and constructs specialized instrumentation, equipment, and computer interfaces to monitor physical activity in the laboratory and workplace. He also performs field studies and has been responsible for computer data acquisition and analysis on many projects.

Finally, he teaches undergraduate and graduate level laboratory courses in ergonomics, instrumentation, and occupational biomechanics.

Mr. Woolley is author of the Energy Expenditure Prediction Program and a co-developer of the 3D Static Strength Prediction Program and he is very experienced with ergonomic software and job analysis in the workplace.

As a board certified professional ergonomist, he has consulted for many companies and other universities; designing and constructing equipment, performing ergonomic job analyses, and providing ergonomic software and job analysis training.