The Max Orovitz Laboratories include the Laboratory of Athletic Training, The Laboratory of Sports Medicine and Motion Analysis, the Laboratory of Neuromuscular Research and Active Aging, and a Nutrition Laboratory. The Athletic Training Laboratory is a clinical laboratory concentrating on athletic injuries and rehabilitative exercise. Within this laboratory is a complete training room dedicated to clinical teaching and two treatment rooms available for assessment of individual athletes. The Laboratory of Sports Medicine and Motion Analysis is dedicated to the understanding of movement as it relates to athletic performance and health. The laboratory is equipped with a seven-camera motion analysis system, embedded force plates, and a 16-channel EMG system. In addition, the laboratory has the capacity to assess balance using either force plate analyses or dynamic posturography. The Laboratory of Neuromuscular Research and Active Aging has dual, yet overlapping, goals. First it is designed to assess neuromuscular function and second to assess the impact of aging on neuromuscular function. Much of the work related to balance, gait and resistance exercise analysis is performed in conjunction with the movement analysis laboratory. The laboratory contains a complete set of computerized pneumatic testing/training equipment, an isokinetic dynamometer, an 8-channel EMG system, a complete set of strain gauges for isometric assessment and dedicated systems for measuring speed and power. Finally, the Nutrition Laboratory concentrates on improving performance through proper diet. The laboratory has state of the art nutritional assessment software and a laboratory kitchen for food preparation. One of the major strengths of the Max Orovitz Laboratories is the capacity of our researchers to work collaboratively in our research endeavors.