

Statistical Consulting Center

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<http://www.math.wright.edu/MS/SCC/>

Briefly, the SCC staff worked with 120 clients in 2005. The Boonshoft School of Medicine was the heaviest user of our services (37% of consulting hours), followed by the College of Science & Mathematics (16%), the College of Nursing and Health (13%), external clients (10%), and College of Education and Human Services (9%). Sixty-four percent of our clients were faculty and 18% were graduate students or Boonshoft School of Medicine residents or fellows.

Our external clients this year included, among others, Mercy Medical Center (Springfield), Miami County Parks District, Community Hospital (Springfield), Sinclair Community Hospital, Kettering Medical Center, and Uppsala University School of Medicine (Sweden). Additionally, the SCC provided several client data sets (with client permission) to be used as exercises and examples in the new 8th edition of Wayne Daniel's classic text "Biostatistics: A Foundation for the Health Sciences" (copyright 2005), resulting in numerous citations in the book of the WSU Statistical Consulting Center. Finally, a well-attended shortcourse entitled "Applied Statistics: An Overview" was offered to the Dayton area community.

On campus, major projects included time-consuming, but important work with the Laboratory Animal Care and Use Committee, presentation of an on-line shortcourse for the College of Nursing and Health, a one credit hour shortcourse for the Biomedical Sciences Ph.D. Program, two major projects with the College of Nursing and Health ("Future THINK" survey for the Dayton area and the annual "Caregivers' Perceptions of Organizational Dimension in Hospital Nursing Practice" survey), work with the Nursing Institute of West Central Ohio in conjunction with the Center for Urban and Public Affairs, work with the Urban Literacy Institute through the College of Education and Human Resources, continuation as a research support service for the Cancer Prevention Institute, and opscan form projects (design, scanning, and database construction) of (1) MTH 102 surveys for the Department of Mathematics & Statistics, (2) the Lifespan Health Research Center, and (3) the WSU Office of the President.