

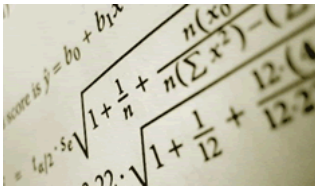
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The new CMU Statistical Consulting Center (SCC), under the direction of Ghada Ibrahim, provides statistical expertise and support for the research of CMU faculty and graduate students.

## CMU Statistical Consulting Center (SCC)

CMU announces the creation of a Statistical Consulting Center (SCC) under the direction of Mrs. Ghada Ibrahim.

### Primary goals

The primary goal of the Center is to provide statistical expertise and support for the research of CMU faculty and graduate students. This includes:

- ▶ Advice in research design and methodology;
- ▶ Suggesting data entry formats and recommending appropriate data collection methods;
- ▶ Advice about computer software;
- ▶ Providing modern statistical analyses and graphics;
- ▶ Reviewing data analysis sections of research papers;
- ▶ Suggesting collaborations with CMU faculty members that might lead to new areas of research

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### When to visit the SCC

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The SCC encourages clients to visit the Center early in a research project, particularly in the grant writing and research design stages. The current Center Director has wide experience in external grants, particularly with the NIH and several private foundations, and knows what kinds of statistical methods are acceptable in these grants.

Graduate students are welcome to visit the SCC as long as they are accompanied by their advisors. Please note that the SCC does not, however, offer advice for classroom instruction.

The public is also welcome to visit the SCC.

### Consulting

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The SCC jointly reports to the Dean of the College of Science and Technology and the Vice Provost for Research. In addition, a Center Advisory Board is being created to represent the interests of the respective colleges and their particular statistical consulting requirements.

#### Basic statistical consulting

All clients receive two free hours of consultation annually. Historically, this has been enough time to complete about eighty percent of projects. After two hours, there is a charge of \$70 per hour.

#### Grant development

Assistance in writing grants is usually provided free of charge with the expectation that the submitted grant contain a budget line item for future statistical consulting.

#### Schedule a consultation

Mrs. Ghada Ibrahim is available for consultations with clients at the following times:

**Mondays** 10:00 AM to 12:00 PM; 1:00 - 3:00 PM

**Wednesdays** 10:00 AM to 12:00 PM; 1:00 - 3:00 PM

If necessary, consultations may also be scheduled at alternative dates and times.

- ▶ Please e-mail [Mrs. Ghada Ibrahim](#) in advance to schedule your consultation.

### Location

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## CMU Statistical Consulting Center Contact Information

To learn more about the new Statistical Consulting Center at CMU, contact:

**Mrs. Ghada Ibrahim**  
Director

**E-mail:** [scc.ibrahim@gmail.com](mailto:scc.ibrahim@gmail.com)

**Office hours:**  
Mon. and Wed., 11 AM - 2 PM  
Tues. and Thurs., 2 - 5 PM

**Location:** Room 130H ET Building

**Loretta Davidson**  
Assistant to the Director

**E-mail:** [david1lj@cmich.edu](mailto:david1lj@cmich.edu)

## NASA Grants Compliance Information

- ▶ [NASA Equal Opportunity Poster](#)
- ▶ [NASA Title VI et al Brochure](#)

The Statistical Consulting Center is located in Room 130H of the Engineering and Technology Building.

- ▶ [Click here to view a CMU campus map depicting the location of the Engineering and Technology Building.](#)

### **Additional Resources**

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The following are some helpful resources and general information that may be useful references to clients.

#### **Cronbach Alpha measure of reliability**

- ▶ [FAQ: I feel like the Cronbach Alpha measure of reliability lowers down the reliability for my binary data set. Is there another measure of reliability especially for binary data? What is the cutoff value for such a measure?](#)

#### **One-Way Independent Samples Analysis of Variance**

- ▶ [ANOVA-1](#)

#### **Using SPSS to Screen Data**

- ▶ [How to use SPSS to screen data](#)

#### **G\*Power and One-Way Independent Samples Analysis**

- ▶ [How to use G\\*Power for one-way independent samples analysis](#)

#### **One-Way Multiple Analysis of Variance**

- ▶ [MANOVA-1](#)