



REQUEST FOR PROPOSAL

Data Analysis - Mentoring Pairs for Child Care

The Early Childhood Community Development Centre (ECCDC) is seeking an experienced graduate level professional, or organizational partner with appropriate capacity, to undertake and report on statistical analyses of data collected from its Mentoring Pairs for Child Care (MPCC) project.

MPCC is a province wide pilot study funded by the government of Ontario to examine the extent to which mentoring enhances the administrative skills of child care supervisors and the overall quality of the program their centre delivers. Five (5) tools are being used to collect pre- and post-mentoring evaluation data. Two are self-completed questionnaires; the other three are standard observation measures completed in participants' centres by a trained observer, namely: the Early Childhood Environment Ratings Scale – Revised (ECERS-R), the Caregiver Interaction Scale (CIS) and the Program Administration Scale (PAS). MPCC will provide pre- and post-program individual data records, and summary reports including frequency and percentage, for all responses on all items for each of the five (5) tools.

Reporting to the ECCDC's Community Development & Projects Manager, the successful candidate will assume responsibility for:

- Importing the raw data provided by MPCC into the SPSS program;
- Generating the following additional statistics on pre-post scores for all five tools on: range, median, statistical significance of pre-post difference and strength of difference (e.g. t-test). These analyses are to be done on individual items, groupings of items and overall scores and will include some sub-group analyses; and
- Combining some scores from the two questionnaires in different combinations to produce pre- and post-mentoring average scores and the degree of significance of any differences.

Timeframes:

- Analyses of the scores from two questionnaires individually will be required twice, in mid-February through early March 2010 (200 respondents max) and in mid-February or early March 2011 (380 respondents max); and
- Generating similar analyses on the three observational tools in mid-February or early March 2011 with a maximum of 70 observations on each of the three observation tools.
- Combining responses from the two questionnaires in mid-February or early March 2011 for MPCC participants engaged in the 2010 program, a maximum of 380 respondents.

Proposals submitted should include:

- Contact information and background on party(ies) who will be completing the work;
- Examples of past successful data analysis and reporting conducted;
- Work plan, including onsite or offsite completion, and data protection strategies if analysis being done offsite from ECCDC;
- Declaration of ability to conduct work in timeframes outlined; and
- Total cost and budget for the contracted services.

Parties conducting work should have:

- Prior experience working with SPSS and analysing data and graduate degree in relevant field;
- Experience working in the early learning and/or child care field (preferred);
- Excellent working knowledge of required computer programs (e., excel, SPSS);
- Strong English oral and written communication skills;
- Good interpersonal and organizational skills;
- Able to quickly review and understand large amounts of information and prioritize competing demands;
- Successful history in meeting timelines and maintaining confidentiality and privacy; and
- Able to analyze, solve problems and make decisions quickly and accurately.

The ECCDC thanks all respondents in advance, but only those selected will be contacted for an interview.

Interested parties are invited to apply on or before Friday February 19, 2009 by emailing a proposal to Julie Thompson at jthompson@eccdc.org.