BENEFITS OF OUR PROGRAMS

• **Financial support**
  CRAME provides financial support for its graduate students, whenever possible. Funding opportunities include research assistantships, teaching assistantships, and consulting internships. Students are also encouraged to apply for university and provincial scholarships as well as national scholarships through the Social Sciences and Humanities Research Council of Canada (SSHRC).

• **Employment opportunities**
  Our graduates are employed as professors and research scientists at both private and public institutions throughout the world including publicly-funded universities and government testing agencies and privately-funded testing companies. To date, all of our graduates have found employment in the area of educational measurement and evaluation.

CRAME invites qualified students to apply. The application deadlines are available on the Department of Educational Psychology website at http://www.uofaweb.ualberta.ca/edpsychology/.
CRAME is a research centre in the Department of Educational Psychology in the Faculty of Education at the University of Alberta. The central purpose of CRAME is to conduct and promote high-quality research in the area of educational measurement in order to make assessment an integral part of student learning and instruction. CRAME has three faculty members:

**Dr. Todd Rogers**
Professor & Director
(PhD, University of Colorado at Boulder, 1971)
Research Interests: Educational measurement and evaluation; ethics in testing; factors that influence student and school performance; research design and applied statistical methods.

**Dr. Mark J. Gierl**
Associate Professor & Canada Research Chair in Educational Measurement (PhD, University of Illinois at Urbana-Champaign, 1996)
Research Interests: Educational and psychological measurement, focusing on differential item and bundle functioning; cognitively diagnostic assessment; unidimensional and multidimensional item response theory.

**Dr. Jacqueline P. Leighton**
Associate Professor
(PhD, University of Alberta, 1999)
Research Interests: Educational measurement and cognitive psychology; the measurement of reasoning and problem-solving; test item development, construct and consequential validity; statistics.

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**OUR PROGRAMS**

**Master of Education**

Students interested in pursuing a Master of Education (M.Ed.) degree in Measurement, Evaluation, and Cognition must complete a minimum of seven three-credit courses, including the following five required courses:

- EDPY 501 Introduction to Research Methods
- EDPY 505 Advanced Univariate Statistics
- EDPY 507 Test Theory
- EDPY 508 Item Response Theory
- EDPY 510 Learning and Cognition

Typically masters students complete the degree in two years.

**Doctor of Philosophy**

Students interested in pursuing a Doctor of Philosophy (Ph.D.) degree in Measurement, Evaluation, and Cognition must complete a minimum of seven three-credit courses including the following three:

- EDPY 605 Multivariate Statistics
- EDPY 608 Doctoral Seminar in Educational Measurement
- EDPY 610 Doctoral Seminar in Cognition and Learning

Typically, doctoral students complete their coursework by the end of Year 2 and then must pass a written comprehensive, an Oral Candidacy Examination, and conduct, write, and defend a dissertation. The normal time required to complete the doctoral degree is four years.

www.education.ualberta.ca/educ/psych/crame