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*The mathematical education of teachers of mathematics*

The education of mathematics teachers in Canada is the responsibility of faculties of education who provide programs which satisfy provincial certification requirements. Recent critiques concerning how well teachers are prepared to teach mathematics has prompted reflection on those programs and research into teachers' mathematics. This work is largely but not exclusively focused on what mathematics might be most suitable for the education of school mathematics teachers. In this session the structure of pre-service teacher education in Canada will be discussed. This will be followed by a discussion of research into mathematics for teaching and how that research offers insights for reshaping current teacher education practices and programs.