Dr. and Mrs. Bourns, fellow graduates, families and friends, I am honored by the opportunity to propose the traditional Toast to Alma Mater on this special occasion marking "The History of McMaster University."

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All of you, I am sure, are as eager as I am to read the newly published pooks on our beloved University by Professor Johnston and Dean Prince. Since my student days, I have been an omniverous reader of history, among other subjects, and these scholarly chronicles will certainly provide many pleasurable and profitable hours, especially to each and every one of us who has played some part, however large or small, in the story of McMaster's growth and success.

I shall not try to compete with these distinguished educators, but I would instead like to share with you a few of my reflections on the seventy years since I graduated from McMaster. During that period, smoe of the most significant events in the long history of the human race have occurred.

Since 1905, the population of Canada has increased fourfold, from 5 to 20 million. Through the same years, the enrollment at McMaster has mushroomed almost fortyfold, from 400 to 15,000. That is the statistical measure of two important facts, I think, one the recognition of the value of higher education, in general, and the other the acknowledgment of the excellence of McMaster, in particular.

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The past seventy years have witnessed technological developments that of Chabee, and in summer on facus in my native Maya Deplis, with my Sucychor have transformed the daily lives of every inhabitant of this small planet. In mattle, Sabashire sheep, Canada geese, mailsres and black ducks, 1905, the airplane was in its early experimental stages, but no one could then Also constructive consequence of World War II was creation of the United conceive of today's universal jet travel, let alone the landing of men on the latically as institution of great are said to be fully realized potential for moon. The automobile and radio, then in their infancy, are now so commonplace peaks as anoth and good will hasked was. I as orand first av uncle, the late as to be taken for granted. Television and the computer, two inventions that U.S. Compression Charles Strong only a algebraic field U.S. Compress in 1945. At profoundly influence our lives today, were not even to reach the drawing-board the same time of an appropriated from the Children States has not allen fit to gitte stage for another twenty or thirty years. the U.A. to the District next problem as Tips

In 1905, let us remember, England was still able to boast, "We hold an

empire on which the sun never sets," and Canada was an integral part of that Network vast empire. How ironic it is to recall that, less than ten years later, the die was cast for destruction of the empire, with the beginning of World War I, a holocaust in which three of the principal protagonists were Queen Victoria's grandsons, the German Kaiser, the Russian Czar and the King of England. The squandering of England's accumulations of three hundred years of golden prosperity that began with that conflict was carried to a dismal conclusion in world War II.

Like me, many of you must have poignant recollections of those wars.

In the first of them, thirty of my relatives were combatants. These included my only brother, who left his McMaster classes for the fighting front, and sustained disabilities that sharply shortened his life. In World War II, I had my two sons and six nephews, two of whom were killed in action. One of them the the only son of my first cousin, Margaret Eaton Demler, a McMaster graduate.

Like me, many of you were also affected by the great economic depression, between the two World Wars. Because of Canada's superior centralized banking system, the consequences in Canada were less severe than in the United States. I know at first hand because, while my business headquarters have been across the border, I have always been closely associated with Canadian industry, and my vacations have of course been spent in Canada, in winter on the skiing slopes of Quebec, and in summer on farms in my native Nova Scotia, with my Shorthorn cattle, Hampshire sheep, Canada geese, mallards and black ducks.

One constructive consequence of World War II was creation of the United Nations, an institution of great but still to be fully realized potential for peace on earth and good will toward men. I am proud that my uncle, the late U.S. Congressman Charles Baton, was a signer of the U.N. Charter in 1945. At the same time, I am aggrieved that the United States has not seen fit to allow the U.N. to deal with such problems as Vietnam.

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Instead the United States unwisely chose to intervene in Vietnam, at an incalculable cost in lives, domestic tranquility and economic stability.

After his retirement from office, President Eisenhower told me in confidence that his own military experience had convinced him of the folly of sending American military forces 3,000 miles away into combat with people of a different race and different political and philosophical ideas. He gave due weight to the fact that North Vietnam, small nation though it was, had as its powerful allies China, right on its borders with the largest standing army in the world, and the Soviet Union, with a full supply of the most modern and deadly military weapons and trajectly it is that not one of the succeeding four American Presidents, including the present incumbent, could comprehend Eisenhower's sober and realistic conclusion that the United States simply could not win in Vietnam.

Canada is to be congratulated for her widom wisdom in remaining alaof from the Vietnam misadventure.

Republicator The Proposal Conferences**

The most horrendous product of world War II was the unleashing of the atomic bomb by the United States, and this has created grave problems with which mankind has not yet fully come to grips. I have been a trustee of the University of Chicago since long before Fermi and Szilard conducted the experiments there that resulted in the first nuclear fission that led directly to the bomb. Some years earlier, I first met Bertrand Russell while he was a visiting professor at the University of Chicago, and I am happy that the firm friendship then established later blossomed into full scale collaboration with Lord Russell and Albert Binstein in initiating the Pugwash Conferences of scientists from all countries, and of all political, economic and philosophical points of view, to warn the statesmen of the world of the hazards of nuclear warfare. It is a source of great pride to me that McMaster University has become the permanent home of the papers of Lord Russell, mathematician par excellence and holder of the Nobel Prize for mastery of the English language.

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In moving some long years ago) from Toronto to Hamilton, one of the The see the Dourse, fallow products also moved thered I so how world's leading industrial centers, McMaster opted for a broadened curriculum, with new emphasis on mathematics and the sciences. The changes in the language unedial occasion marking "The History of McMaster University," courses are also indicative of McMaster's determination to prepare its sons and All of you, I am sure, are as eager as I am to read the newly published daughters for today's world of international exchange, commercial and cultural. boks on our beloved University by Professor Johnston and Bean Prince. Since my When I was in college at the beginning of the century, our choice, in addition student days. I have been an omniverous reader of history, many other subjects, to the classical Latin, Greek and Hebrew, was limited to French and German. and these scholarly chronicles will certainly provide many pleasurable and profit-Today's students can still acquire Latin, Greek, French and German, but can also able hours, escapially to each and every one of us who has played some part, learn Spanish, Russian, Portuguese, Ukrainian and Slavish linguistics. In the however large or small, in the story of McHaster's growth and success, not too distant future, I would assume that Chinese would be added.

The advantage of fichinguelism The question of bilingualism is farm from new in Canada, I would rewould instead like to aware with you a few of my reflections on the security years mind you. In my student days, Canada's most brilliant writer, Goldwin Smith, since I graduated from McMaster. During that period, some of the west signif was concerned with the problems created by differences in language and religion. events in the long history of the human race have occurred. and was predicting that Canada would break up into four or five nations. What Since 1905, the population of Canada has increased fourfeld, fr Smith failed to foresee was the discovery and development of Canada's vast reto 20 million. Through the same years, the enrollment at McMaster has musicon sources to the north. At this stage, Canada ranks second in the world only to almost fortyfold, free 400 to 15,000. That is the statistical measure, of the the Soviet Union in geographical extent and potential growth. In measuring up important facts, I think, one the recognition of the value of higher education, to its bright destiny, I think Canada must come to realise that it is an adin general, and the other the administrating of the excellence of the experience of particular,

I wish I could be here seventy years from today to learn what now uninequable incomprehensible changes will have taken place. By then, is it too much to hope learned to live in feace that men will have given up many of their myths and superstitions, and be looking to the scientists and thinkers of the world for enlightenment? In the progression of human events, I count on McMaster to help lead the way as a great intellectual center and a constructive world influence.

And now let us stand and raise ourglasses in a heartfelt toast to Alma Mater!

In 1905, Net was remember, Whitland was still able to boast, "We hold an

CB McMaster Notes

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Bilingualism and the French. Goldwin Smith.

Seventy years ago I graduated from MacMaster. Those 70 years have contained (encompassed) many of the most important events in the long history of the human race. McMaster has grown from a student body of 400 to one of 15,000. With my encouragement, my Alma Mater moved to Hamilton, one of the great industrial centers of the world, whose activities put emphasis on science and mathematics. The trend of McMaster interests is illustrated (suggested) by becoming the home of the important papers of Bertrand Russell, mathematician, scientist and holder of the Nobel Prize for mastery of the English language.

In that peridd, Canada's population has increased from 5,000,000 to 20,000,000. (Check figures.) The decline of the British Empire: In 1905, England boasted (was able to boast), "We hold an empire on which the sun never sets." In the 70 years, that vast empire has broken up, dissolved.

During my student days at McMaster, Goldwin Smith was Canada's most brilliant writer. In his book, <u>Canada and the Canadian Question</u>, Smith predicted the breakup of Canada into four or five nations. What Smith did not foresee was the vast growth of Canada's resources to the north and their development. In geographical extent and potential growth, Canada ranks second in the world only to the Soviet Union.

The folly of war: The far-reaching influence of World War I, in which the principal antagonists were first cousins, grandsons of Queen Victoria, the German Kaiser, the Russian Csar and the King of England. England squandered the accumulations, the profits of 300 years of golden prosperity.

Goldwin Smith emphasized the problems created by differences in language and religion. It is an advantage to have two languages. You are enriched by bilingualism. In my days at McMaster, the languages taught were Latin, Greek, Hebrew, French and German. In the future, in addition to these five, Canadians will become proficient in Russian, whose climate, resources and geographical extent most resemble Canada, and Chinese, the language of the largest population in the world and one of the oldest cifilizations. China would have been quite an

intellectual (cultural) center long before Greece or France. What languages are taught now at McMaster? Spanish? Russian? Chinese?

In World War I, I had 30 relatives who were participants, including my only boother, who left his classes at McMaster to foin the fight, from which he received disabilities (he was in the cavalry) which shortened his life.

In World War II, I had my two sons and six nephews, two of whom were killed in action. The only son of my first cousin, Margaret Eaton Demmler, a McMaster graduate, was killed at Okinawa.

The folly of war has most recently been illustrated by the madness of American statesmen that sent troops 8,000 miles to Vietnam. Bisenhower. Canada is to be congratulated on her wisdom.

The Great Depression so acutely felt in the United States, whose banking system is so inadequate in strength in contrast with Canada's.

The United Nations, in which my Uncle Charles, the late U.S. Congressman Eaton, was one of the signers of the Charter. He was an honorary fellow of McMaster. Margaret Eaton, mentioned above, was his daughter.

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In the next 70 years, the graduates of McMaster will play important parts in all of the Provinces of Canada and in world affairs, There will be more of us.

While I have been engaged in -- my business headquarters have been in the United States, my vacations have been spent in Canada, in winter on the skiing slopes of Quebec, in summer on the farms in Nova Scotia with my Shorthorn cattle, Hampshire sheep, Canada geese, mallards and black ducks.

Vietnam -- attack the CIA.

Confident. Apace travel

Inventions: Airplane, television. The millions of years that man has been on earth. Great potential for education. The invention of the nuclear --

Hamilton and its emphasis on science and mathematics. In the next 70 years, men will give up many of their myths and superstitions, and look to the scientists and thinkers of the world. I hope my Alma Mater will be one of the leaders, a great intellectual center, a great world influence. The fact that McMaster has become the home of the Bertrand Russell papers is significant.

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Dr. + Mes. Bourns, follows conductes families of friends, I am proved by the opportunity to proportie the thirty of McMester almoster on this operation merking "The thirty of McMester University."

All I you, Nam sure, are as easer as I am to reed the newly fublished books on our beloved University by Professor Johnston and Dean Prince. Dince my student drup, I have been an enviverous render of history, among other subject, and these scholarly chronicles will certainly provide many hours of pleasurable and profitable hours especially to each and every one of us who has played some fort however large or small, in the He Master story of Me Master's powth and success. on some of that have occurred in the seventy years since on the history of the seventy years since I graduated from McMaster. During that period some of the most significant events in the long history of the human hace have occurred. Since 1905 the fopulation of Canada has mereesed fourfold, from 5 to 20 million. Through the same years the enrollment at memaster has musper somed fortyfold, from 400 to 15,000. Hat is statistical metasurity of two important facts, I think, one the secognition of the value of higher education, in general, and the other the acknowledgment of the excellence of moderates, in particular. The fast seventy years have witnessed technological developments that have transformed the daily lives of every inhabitant of this small planet. In 1905, the airplane was in its early experimental stages, but no one could then conceive of today's universal jet travel, let alone the landing of men on the moon. The automobile and radio, then in Itali infancy, are now so commonplace as to be taken for granted.

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for today's world of international exchange, commercial and
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century our choice of suckern languages was Fromth, inabliles in to
the sufficient to the fatin, breeks and februar, was limited to French and German, Johnso students can still acquire Latin Brech, French and German but can also learn Afanish, Russien, Portuguese, Ukrainien and Alavish linguesties. In the not too listent fature, I would assume that Chinese would be added, lourda, I would remind you, In my student days, Canada's host builliant writer, Golderin Smith, was concerned rinter the problems created by differences in language and religion and was predicted the Canada would freak up into four or five nations. What Smith failed to foresee rose the diseason and level pound of Canada's vast resources to the north. Of their stage Canada ranks second in the world only to the Doviet Union in geographical extent and potential grants. In recovering up to its bright desting, I think Canada must come to realize that it is an aboutage to have the confliction of the world in the world and the potential design of the confliction of the con to learn what now inscript chancible changes will have taken

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