

A Formal letter to the RCMP Public Complaints Commission

For the Record Formal Questions are asked that must be answered if this Investigation is to be Believed as Honest and Fair.

FROM:

E.A. Greenhalgh

TO:

Commissioner Shirley Heafey

Investigating Officer Sgt. Cam Croal

11 November 1999

Title: Consent and Cover Up

Who has a motive and political power to coerce the RCMP?

Fact: The University of Waterloo lied which lead to felony fraud, and the violation of federal programs requiring TRUTHFUL SIGNED ASSURANCES from the Administration and Governors of the institution. It is the Institution that is being held responsible and accountable - NOT individuals.

Motive for Coercion: Political embarrassment from the failure avoid misuse of political programs, policies and agencies. Federal programs were directed to benefit a private individual who was unqualified and federal standards and expectations were compromised. Federal and provincial politicians and commissioners entrusted to protect the public CONSENTED to fraud, obstruction of justice, cover up and violations of the Charter of Rights and Freedoms. Tax dollars paying civil servant salaries were used in collusion and conspiracy between federal and provincial agencies to cover up wrongdoing. This is a powerful motive illegedly used by people of influence and means to coerce the RCMP to write a report to cover up the fact that the University of Waterloo lied, and also to keep it from being held accountable.

Precedent (1) The APEC Inquiry. The PMO had denied influencing the RCMP, and this is now proven false by the inquiry. The fact is documented that the PMO will act with covert action to achieve political goals. (2) P.M. Chretien has long denied wrongdoing in grants to people in his riding. An audit has shown in 1999 that the PM's trust arrangement-violated rules. Points (1) & (2) prove that the PMO will violate rules and ethics for political goals/gain.

Key Fact: The University of Waterloo deliberately LIED!

The direct consequences were

- 1) Criminal fraud in the acquisition of U.S. federal monies for the J.C.M.Riley NIH scholarship.
- 2) Violations of federal programs (U.S. & Canada): regulations demand truthfulness. It is no way acceptable nor ethical (no matter what "spin" is used, i.e., "peer review") TO LIE so to be involved in ANY federal program. As to Canadian federal programs, any evidence of lying violates federal regulations and policies and should be reported to the appropriate Ministry when such comes to the attention of federal personnel, including the federal police (RCMP). The Carlson/Sawada grant was a direct result of lying and unethical conduct so to receive monies under false pretenses (fraud). Why didn't Const. Foster report this?
- 3) The questioning and potential discrediting of federal political programs: i.e., the MRC Center of Excellence program; and the Drug Extended Patent Act (Bill 0-22).

Allegation: a basis has been established to allege a political motive for covert coercion to cause Const. Foster to leave this very simple, but key fact out of official findings: the University of Waterloo lied!!!

PROVE THAT THE UNIVERSITY OF WATERLOO LIED, THEN
ALL THE ALLEGATIONS ARE PROVEN TRUE!

The documentation exists and was available to Const. Foster: that he did not include it appears to be a deliberate act of exclusion to protect the University of Waterloo.

Conspiracy and Collusion by Federal and Provincial Agencies

Please note, a peculiar twist to Canadian politics is the Royal Commission: i.e., Somalia Inquiry, West Ray Nine Disaster Inquiry, and the Krever Blood Inquiry. Government agencies consume long periods of time, and then turn around and say, sorry so much time has passed that the alleged won't get a fair trial, so no one will be held accountable. Often, the accused are friends and supporters of government. A major allegation to the University of Waterloo collusion/conspiracy is the evidence documenting consent and conspiracy by federal and provincial agencies to cover up wrong doing so to protect the University of Waterloo. Conspiracy, collusion, and obstruction allegations are made against several politicians and agencies.

It is necessary to document for the official record that the University of Waterloo lied, and the evidence was so simple and available that there was no excuse for Const. Foster not to include it in his report. Hence, it is absolutely necessary for the RCMP to acknowledge these questions, so the RCMP is respectfully asked to answer the following questions in writing as they prove the allegations to be true. Failure to answer the questions must be seen as a cover up to protect the University of Waterloo: especially from criminal charges, and that is obstruction.

QUESTIONS

1. Would J.C.M.Riley based on (merit) his undergraduate marks have been accepted into a biology Ph.D. program anywhere but UW?

(The Answer is no!!)

2. Did UW create an artificial circumstance especially for J.C.M. Riley NOT available to the honest and meritorious children of ordinary taxpayers?

(Ans. Yes)

3. Therefore did UW INTEND (premeditation) to lie for J.C.M.Riley? (Ans. Yes)

4. Did MRC CANCEL the Carlson grant, the work for which the J.C.W.Riley Ph.D. was granted, expressing the opinion it was so bad as to use DEROGATORY terms?

(Ans. Yes).

5. Therefore, because NIH regulations and scholarships DEMAND truthfulness, and students of OUTSTANDING ability and EXCELLENCE, did UW give DELIBERATE FALSE ASSURANCES (LIE) to the American government for the NIH scholarship for J.C.M.Riley? Is LIEING for federal (U.S.) monies fraud? UW conspired to commit a felony?

(Ans. to both Qs, Yes)

6. Was the evidence (of criminal felony) available to Const. Foster? (Ans. Yes)

7. Why wasn't it then included in the official RCMP report?

The allegation is made that Const. Foster not only shielded UW, but the governments of Canada and Ontario as well. If the University of Waterloo was exposed to fraud charges, then there would have to be PUBLIC inquiries into the Medical Research Council of Canada, and the Ontario Human Rights Commission. Given the facts revealed at the APEC inquiry regarding covert coercion by the PMO of the RCMP it is reasonable, with a basis, to allege political coercion of the Foster report. A new

RCMP report including the evidence of lying by the University of Waterloo is necessary.

Please answer or refute the previous (7) seven questions in writing. Please answer the following questions in writing as they address concerns of prior knowledge and intent by the institution.

A. Did UW have prior knowledge and intend to lie? There have been so many examples already provided to the RCMP that one example will suffice to prove UW's CONTEMPT for truth and ethics.

Was it a lie when UW presented Dr.H.R.Behrman (Riley's SPONSOR at Yale, and alleged co-plagiarist of Greenhalgh's suppressed MSc. Theories) as an INDEPENDENT and UNBIASED referee to settle the Complaint against Carlson for plagiarism?

B. Had MRC been made aware of WRONGDOING at UW because they subsequently cancelled the J.C.Carlson grant?

C. MRC guidelines state that they have a responsibility to the taxpayer to demand standards of excellence and high levels of ethical behavior in return for federal monies. Since LIEING is neither excellent nor ethical, should MRC have acted to protect federal monies when first contacted in 1987; and not after Riley received the NIH scholarship? According to the 1937 MRC Guidebook, MRC had the option of holding an "ON SITE REVIEW."

Q. Wasn't an onsite review the least that MRC could have done to enforce standards of excellence?

Q. Isn't an "on site review" similar to an "AUDIT?" Therefore, Const. Foster made an incorrect finding in his report that covered up failings by MRC.

D. Is it not true that by not exerting the minimum effort to enforce Excellent standards (which are stressed in ALL MRC Guidelines) and ensuring that the University of Waterloo was truthful (because NRC screens ALL Canadian candidates for NIH scholarships) and by actively endorsing J.C.W.Riley (in light of evidence presented by legal counsel and documentation from a leading cancer expert) MRC FACILITATED FRAUD? MRC is accused of facilitating fraud so J.C.W.Riley could receive federal U.S. monies not otherwise available by truthful and honest means.

E. Irregardless of any criminal charges, if a federal police report found misconduct by MRC, a federal agency, would this not be sufficient grounds to ask the Minister of Health to investigate MRC? Or even include such a comment in the official report? Are the political ramifications serious?

Please answer in writing the questions 1 to 7 and A to E because the allegations of conspiracy and collusion make their answers essential and important to the public record. There is the issue of Consent and collusion by political bodies. To set the record straight, the RCMP Public Complaints Commission is asked to put in writing that which Const. Foster would not even though the documentation was available to him.

Consent to Crime and Federal Regulation violations

Main Point: (repeated) The University of Waterloo lied, Intended to lie, and expected to use its financial and political connections and their CONSENT to EVADE JUSTICE! This alleges that provincial and federal bodies would collude/conspire together to use what ever means necessary so to avoid laying charges, or finding against U.W. with the premeditated intent to be able to say that so much time has passed that UW can't be charged. Such conspiracy and collusion is alleged: the Ontario Human Rights Commission is so named, and can be proven to have lied in writing. Const. Foster failed to include such evidence in his report. Why?

Important Example: Evidence provided to (the OHRC and) the RCMP proved that the law firm of Liberal Senator Godfrey engaged in misconduct that protected the University of Waterloo from being exposed for the NIH scholarship fraud, and MRC had engaged in misconduct (instead of launching a lawsuit they sent my lawyer on sabbatical and dropped the case). Only covert pressure could have caused the firm's misconduct. An alleged motive for the RCMP cover up is that Senator Godfrey can be publicly embarrassed for misconduct, obstruction of justice, and helping to violate the Charter of Rights and Freedoms. Because Senate seats (like OHRC commission appointments) are patronage positions given to friends, there would be political pressure to cover this up. And the above makes Const. Foster's comments on civil action to be seen for what it was: a Mockery !!!

POINT: The Foster Report allegedly covered up misconduct by various government agencies (all sworn to uphold the Charter of Rights and Freedoms) protecting the University of Waterloo. ANY GOVERNMENT AGENCY COVERING UP FRAUD IS, ITSELF, ENGAGED IN CRIMINAL ACTIVITY: THE OBSTRUCTION OF JUSTICE!

Example: The Ontario Human Rights Commission is proven to have lied in writing : no where is that found in Foster's report. The Law Society of Upper Canada (LSUC) replied to a complaint that UW's lawyer, R.A.Haney had lied in writing by presenting Dr.H.R.Behrman as an independent, unbiased referee by saying that R.A.Haney was only FOLLOWING THE ORDERS OF HIS CLIENT,UW. Therefore, the UNIVERSITY OF WATERLOO HAD LIED! R.A.Haney retired and was replace by a Ms. Turner, who in the OHRC complaint (again) presented H.R.Behrman as an independent, unbiased referee. The University of Waterloo not only knew that it was lying (using the same dirty trick with a new lawyer), but was confident that OHRC would cover up. Evidence presented to OHRC (and simultaneously to the U.S. government) would have exposed UW to NIH fraud charges. By deliberately accepting false testimony, OHRC lied in writing to protect UW. OHRC HAD OBSTRUCTED JUSTICE! Premier Harris was informed that OHRC had been involved in a criminal act, and was asked to hold a public inquiry. Premier Harris is evidenced to have covered up because he did not call the inquiry. And this provides a motive to allege provincial political coercion on the ROMP so to avoid public embarrassment.

Alleged Motive for Coercion etc.

Point: Could P.M. Jean Chretien ,who appointed Dr.A.Carty, former UW Dean of Research to President of MRC (National Research Council) be asked to resign if proven that he knew (obstruction by CONSENT) that the University of Waterloo committed NIH fraud, violated Min. of Health (MRC) regulations; and he could have called an inquiry? BLOCKED AN INQUIRY? He consented to violations of the Charter of Rights and Freedoms so a cover up could succeed. The very Charter that he and his mentor, the Rt.Hon. P.E.Trudeau, enshrined in the Constitution.

The PMO as a Motive for political Coercion (who had access to the PMO from UW?)

1. Under the conservatives, P.M.Brian Mulroney appointed the then UW Pres. Douglas Wright as his Educational Advisor. He appointed UW Senator Trevor Eyton to the Federal Senate. All

supported the Center of Excellence program. Conservatives associated with UW promoted P.M. Kim Campbell.

2. Under the Liberals , P.M. Jean Chretien appointed former UW Dean of Research, Dr.A. Carty , to Pres. of MRC. All support the Center of Excellence program. Liberal House Leader, Min. for State, Don Boudria, from 1981 to 1999 took courses and received a degree from UW. His sister also went to U.W. Boudria was a close "rat pack " friend of former Deputy P.M Sheila Copps, who had been notified of wrong doing at UW. And P.M. Chretien has promoted UW to visiting (former) U.S. Ambassador, James Blanchard.

FACTS

Fact One : The J.C.Carlson MRC research grant (1986-88, the J.C.M. Riley Ph.D.) was cancelled, and described as so bad that derogatory terms were used. This fact only became known to Greenhalgh in 1999 through the ROMP findings. Before this, various agencies (most notably OHRC) withheld this fact, thereby shielding UW. Had this fact been known sooner :

- a. J.C.M.Riley would not have been able to commit NIH scholarship fraud. (the Liberal Senator Godfrey lawsuit misconduct allegation).
- b. J.C.Carlson and N.Sawada would have been found guilty of plagiarism in Endocrinology. The only reason plagiarism wasn't charged was because the journal said Carlson was Greenhalgh's mentor. Carlson was a bad mentor and a thief: the MRC grant cancellation would have been proof. N.B. UW had been warned in writing by legal counsel that Carlson would steal the research with another student.

Q. Why wasn't this in Foster's report?

- c. J.C.M.Riley and H.R.Behrman can be publicly proven to have plagiarized the suppressed Greenhalgh thesis ideas and theories in their NIH funded 1990 publications. Again, motive to cover-up, and leave out of Foster's official report.

BIG POINT ***

Stealing a student's work is unethical!!! MRC had the evidence to investigate Carlson as they were continuously requested by Greenhalgh. This was made ABUNDANTLY clear to them in the 02 July 1996 booklet titled, "Allegations of Misconduct Condoned and Supported by the Medical Research Council of Canada: A Conspiracy." Pres. H.G.Friesen has been made well aware (over and over) as was Dr.Francis Rollensten, Director of Ethics and International Relations. They had the evidence but they CHOSE to cover up. There was sufficient documentation for Foster to write in his report of evidence of cover up and collusion (between UW and MRC). Why didn't he? Why didn't the RCMP report federal violations to the federal ministry?

Again this alleges evidence of a cover up by the Foster Report. Possible evidence of collusion between Foster and MRC. More importantly, Fact One outlines evidence that would have proven the University of Waterloo guilty of giving FALSE SIGNED ASSURANCES for federal Canadian and American programs. They could have been publicly investigated and sanctioned. And because Carlson and Sawada received a new MRC grant in which they had plagiarized the suppressed Greenhalgh MSc. theories, Carlson and Sawada
ARE GUILTY OF FRAUD!!!

MAJOR POINT

By receiving NRC monies' for research based on intellectual I properties not their own (Greenhalgh's legal fight with UW in 87 proves who owns those theories since he put his reputation behind them, and J.C.Carlson wrote on Greenhalgh's thesis in his own handwriting that these ideas were wrong)they committed (premeditated) violations of federal MRC regulations that must be seen as DELIBERATE FRAUD!!! And further, the INSTITUTION of the University of Waterloo gave deliberately false assurances (they are guilty of unethical conduct and lying), but more importantly, MRC is PROVEN GUILTY OF DIRECT COLLUSION!!!

THE MEDICAL RESEARCH COUNCIL OF CANADA IS PROVEN GUILTY OF COLLUSION TO DELIBERATE UNETHICAL ACTS, VIOLATIONS OF MRC REGULATIONS, AND FEDERAL CANADIAN FRAUD!

SECOND MAJOR POINT

This is evidence that when Const. Foster wrote his 1999 report clearing the University of Waterloo of ANY wrong doing, he was in collusion with the Medical Research Council of Canada, as well as the University of Waterloo. This is a serious allegation, but the documentation appears to substantiate it.

Evidence of Collusion and Violations of Federal Guidelines by MRC

The Medical Research Council of Canada violated its Parliamentary Mandate: an Act of Parliament. Violating an Act of Parliament is breaking the law. MRC BROKE THE LAW!

Fact Very basic -- MRC guidelines have used flowery words like, "high academic standards" and "excellence", but irregardless, they have failed to enforce these expectations citing one excuse after another. However, they have always demanded ethics and truthful signed assurances.

Fact:

Deliberate lying is neither ethical nor truthful. No where can MRC be mandated by an Act of Parliament to grant research money for deliberate lying. ONLY by a deliberate and willful act of misconduct, collusion, could MRC have granted J C Carlson and N. Sawada federal monies.

If Const. Foster wasn't shielding the University of Waterloo, why wasn't the above point in the official report? Please answer this in writing, it is an essential fact for the public record.

Fact Two: J.C.M.Riley was not properly academically qualified to be in a biology Ph.D. program. UW created an artificial scenario not available to properly qualified children of honest Canadian taxpayers. The 1999 McGill lawsuit wherein politicians are alleged to have caused unqualified students to get positions through coercion/influence, thus depriving honest students demonstrates a precedent. This (Riley) very act was documented to OHRC by Greenhalgh circa 1993, but OHRC colluded and conspired to cover up. This action is a violation of federal educational policies and the Charter. Universities are provided with federal monies so that they honor educational policies and the Charter for ALL Canadians. Where is this fact to be found in Const. Foster's report?

Based on Facts One and Two, the J.C.M.Riley Ph.D. was a premeditated (INTENT) fraud, academically and criminally planned and promoted by the University of Waterloo, and FACILITATED by the Medical Research Council of Canada. The wrongdoing was later CONSENTED to and covered up by the Ontario human Rights Commission, Ombudsman Ontario, and the federal and provincial governments of Canada and Ontario. As such, a motive for political coercion to have Const. Foster not to include the fact that the University of Waterloo lied in his report. But there is an even bigger political motive requiring a cover up: MRC is guilty of collusion and federal ethics violations. MRC lied.

Proof of Collusion and Federal Ethics Violations by MRC

Const. Foster dismisses the plagiarism issue in his original report accepting a Dr. Hansson from UW report of no wrongdoing. But, he left out important details , especially wrong doing by MRC and collusion with UW.

Point: Can one person tell the truth with everyone else lying for private gain? Ans. YES.

Examples:

a. Dr. Barbara McClintock was forced out of animal science in the 1930s because her theory of "moveable genes" proved the established powers to be WRONG. In the 1980s, she received the Nobel Prize for her 1930s theories. She had told the truth while all her contemporaries had not.

b. Rachel Carson (Silent Spring) said the misuse of pesticides was poisoning the environment. Many, many private companies, and government special interest scientists said she was wrong. She was one person and she was right!

This brief has proven that UW lied. UW's lying has drawn many people into acts of unethical misconduct to cover up. The plagiarism issue is no exception. Endocrinology ignored evidence to say that J.C. Carlson could not have committed plagiarism because he was E.A. Greenhalgh's mentor: that was the only reason and is proven to be totally bogus. J.C. Carlson is proven to be a bad mentor, and therefore plagiarism occurred, which has many serious consequences. Not the least being the U.S. felony charges and plagiarism charges against the Head of Obst. and Gyn. at Yale (H.R. Behrman). And proves that MRC violated its Parliamentary Mandate in collusion by willful and unethical misconduct.

In Evidence, What is Expected of a Good Mentor

<u>A Good Mentor</u>	vs.	<u>J.C. Carlson, A Bad Mentor</u>
1.helps student graduate on time graduation		1. interfered with even in the face of support from outside cancer expert and legal counsel
2. helps student publish		2. refused to even help student with MSc. thesis, then stole Student's intellectual property from thesis (which he had written as wrong)
3.takes student to conferences and helps find positions and funding.		3. Never took student to conference etc.

There are more examples, but these suffice to prove J.C.Carlson was a very bad mentor. The above then proves:

1. J.C. Carlson and M. Sawada plagiarized E.A. Greenhalgh's intellectual property as charged.

2. Dr. Hansson, Vice President University Research at UW is proven to have, if not lied, then misdirected, Const. Foster so to cover up. UW has a proven history of lying to authorities so to evade/obstruct justice as previously proven by MR. R.A. Haney and Ms. Turner. Both repeatedly gave H.R. Behrman as an independent and unbiased referee, which the LSUC admitted was a lie promoted by the University of Waterloo. And the importance of the above is that it proves that the Medical Research Council of Canada was in collusion with, and was a full conspirator of the University of Waterloo. It proves that MRC lied and violated its own ethical guidelines and Mandate. And it proves that Const. Foster should have consulted with the complainant before filing his report, or he colluded to cover up serious misconduct. His previous findings of no wrongdoing are proven wrong.

Facts Proving Collusion and Unethical Behavior by MRC
(including alleged facilitation of fraud)

1. Greenhalgh and legal counsel with support from a leading cancer researcher approached UW and MRC with evidence of wrong doing by J.C. Carlson circa 1987-88 before J.C.W. Riley graduated and received the NIH scholarship (felony fraud). MRC was also informed about the value of Greenhalgh's theories to cancer, "wouldn't honest cancer researchers want to know?" Legal counsel in writing warns that J.C. Carlson plans to repeat Greenhalgh's work with another student (stealing his intellectual property). The institutions had been made aware--this is hard copy documented. IMPORTANT POINT:
LIEING TO RECEIVE FEDERAL MONIES IS FRAUD!

2. J.C. Carlson's MRC grant (the work for which the Riley Ph.D. is based upon) is cancelled, and described as so bad that MRC used derogatory terms. J.C.M. Riley was not an excellently qualified candidate to receive a NIH scholarship. The University of Waterloo had committed fraud, facilitated by MRC. They had also suppressed research of value to cancer to do so (violating MRC's mandate to promote science of medical benefit).

3. Circa 1989-90 Greenhalgh is about to publish his MSc. (suppressed thesis) theories, and writes MRC about ethical concerns: MRC had funded the lab where the MSc. work occurred. Greenhalgh asked MRC if he had to list MRC.

POINT : MRC IS AWARE

- i. Carlson's previous work was bad.
- ii. Greenhalgh's theories are vindicated.

ETHICAL CONCERNS ARE HIGHLIGHTED TO MRC!

4. At the same time Greenhalgh approaches MRC about ethics, MRC (has been) is helping J.C. Carlson and M. Sawada plagiarize the Greenhalgh theories. MRC had renewed Carlson's grant based on the Greenhalgh theories he had stated were wrong. And due all the legal counsel involved, MRC can not be aware of the ethical conflict. MRC was violating ethics!

5. MRC was in complete COLLUSION with J.C. Carlson and the University of Waterloo in violating MRC's own ethical guidelines. Lying for federal monies is fraud. Receiving monies by the deliberate violation of federal guidelines, and stealing someone else's property to do so is applying for funding under false pretenses. It is lying to receive monies that could not have been HONESTLY granted if the proper guidelines and regulations had been followed and enforced. J.C. Carlson and the University of Waterloo gave deliberate false assurances to the Canadian government, so to receive federal monies. They committed fraud. Fraud facilitated by MRC itself (again)!

6. MRC is guilty of unethical conduct and violating its own guidelines. Furthermore, MRC proves that any argument they may have tried to make on the grounds of "peer review" was utter nonsense. PEER REVIEW to MRC is that MRC gives monies to its friends without regard to ethics or regulations. Peer review is a smoke screen.

Based on the argument of peer review, MRC not only knew that the work they funded Carlson and Sawada for belonged to Greenhalgh, but by blocking Greenhalgh they had suppressed research of value to cancer. Therefore, MRC is proven guilty of violating its Mandate with INTENT! MRC is proven guilty of lying and collusion not only to cover up unethical misconduct, regulation violations, but fraud as well. MRC has every reason to either lie to a federal police officer, or collude/coerce the officer because they should be exposed and reported to the Minister of Health and the public.

- Points:
1. Dr. Hansson and UW have been discredited and proven to lie.
 2. MRC is discredited and proven to lie.

Important Motives for Conspiracy, Coercion and Collusion

If the Foster reports had stated evidence of wrongdoing:

1. Dr. Hansson and UW would be proven liars without realistic (required) programs in place to deal with academic disputes etc. TJW could be charged by the U.S. for fraud, and sanctioned from participating in programs.
2. MRC would be reported to the Minister of Health, Canada proven to have lied to the U.S. government, violated an Act of Parliament, and a public inquiry called causing embarrassment.

Evidence of Alleged Collusion Between Const. Foster, MRC and UW

=====

Points 1 to 6 outline a powerful motive to have Const. Foster write an official report with no findings of wrongdoing. Const. Foster may have years of police training and writing criminal reports, but he is unfamiliar with academic phrasing and terms. It is therefore alleged that either MRC or UW wrote, or coached at least part of Const. Foster's report: certain concepts would be alien to his thinking and style. Specifically, the section where the plagiarism issues is dismissed as "an alternate path etc". Greenhalgh's legal counsel used this as an argument for his original thesis and academic freedom. In a report which avoided the issues (documented evidence available to him) of lying, and unethical behavior by UW and MRC, such a casual remark is all too similar to the writings of academics and MRC itself.

Important Point on Lying by Academics and Institutions: Accountability

Re., MRC's Centers of Excellence and Private Businesses on Campus.

Re., The importance of truth and accountability.

Example: There was a private company "promising" the public that blood treated by their heat/radiation process would kill viruses (i.e., Hep C) present. This is now a proven lie. Nonetheless, many Canadians contracted Hep C from their treated blood (iregardless of promises). This is why it is so essential not to allow universities or NRC to believe they can get away with lying or violating regulations.

Various government agencies are alleged with documentation to have been part of a conspiracy to cover up evidence of fraud obstruction of justice, federal program violations, and civil rights abuse so to shield and protect the University of Waterloo.

Examples are

--The Medical Research Council of Canada, Pres. H.G.Friesen and the Director of Ethics and International Relations, Dr. Rollensten are specifically named as to having been made aware.

--Various Ministers of Health, who oversee MRC, from P.C. Mary Collins to Liberal Dianne Marleau to Alan Rock; all were made aware.

-- The Ontario Human Rights Commission, Rosemary Brown, Remy Beauregard, and Carl Dombek are specifically named as having been made aware

--P.M.s Brian Mulroney, Kim Campbell and Jean Chretien are named as are various cabinet ministers: they were made aware.

-- the Premiers of Ontario, Bob Rae and Mike Harris plus their attorney generals and cabinet ministers are documented as to having been made aware. The premiers could have called a public inquiry into misconduct by OHRC, which would have exposed the deeper problems etc.

The concept of BEING AWARE is important to society because in so many national disasters, i.e. the Blood Scandal, the people in responsible positions all said, "we didn't know, so how could we have stopped it? How can government be held accountable?" The real question is how do the public trust government to enforce the regulations and laws to keep them safe? That is why the above is so important.

ALL the above represents a basis for a Motive to cause a cover up the RCMP.

Point: Const. Foster did not include the fact that the OHRC had lied in writing in his report.

Const. Foster did not include the evidence of collusion between UW, J.C.Carlson and MRC to steal Greenhalgh's work and publish it under an MRC grant in the 1990s: even though ALL had previously been notified of wrong doing by Carlson and his INTENT to do so.

CONSENT

When a person or organization is realistically MADE AWARE of the INTENT to commit a reprehensible unethical act or crime, and could stop or expose said act/crime, but does not, then they have CONSENTED to the crime. They are, in fact, accessories to the crime themselves.

Consent by a group leads to COLLUSION and CONSPIRACY. The most common form of consent and conspiracy by governments in Canada is the evasion of justice/obstruction of justice by the failure to act, and then claim that too much time has passed so that witnesses can not be called nor charges laid. Past examples include the Westray Nine Disaster, the Somalia Inquiry, and the Krever Blood Inquiry. Canadian governments tend to DERELICTION OF DUTY when prominent people or institutions can be charged and found guilty; especially when those being charged may be friends or political backers.

Note: in the 19 Aug. 93 brief titled, "Requesting an Investigation for Civil Rights Abuse with Resultant Grant Fraud by the University of Waterloo." made Premier Bob Rae, P.M. Kim Campbell plus the Health Minister and others quite Aware (see replies). This was later sent to the Chretien Liberal government with the cover title "Supplement." Of note in that brief was criticism of the Center of Excellence program and possible ABUSES. One particular prediction of abuse concerned UW's Ground Water Research Facility which just a few years later was proven true when, for money, the facility tried to violate the rights of a professor and steal her intellectual property. This is made more important when you are directed to the concerns in the registered letters to "People in Positions of Responsibility" and the separate letter to P.M.Chretien. Everyone is asked whether they would put their seats in government and pensions on the line for the truthfulness of the J.C.M.Riley Ph.D. work. NO ONE, not Premier Mike Harris nor P.M. Jean Chretien would accept the danger that they are willing to expose the Canadian people to. The University of Waterloo lied, and so represents a real danger that politicians in positions of responsibility could investigate, but, instead, choose to cover up. This then begs the question, just how safe are many government initiatives such as genetic engineering (i.e., foods) if the government knows that universities lie, and they allow them to

Violations of Federal Programs and Blacklisting to Cover for

UW's Lies.

1. The Center of Excellence Program - an MRC initiative under the Ministry of Health
2. Extended Drug Patent Act — Bill C-22

Lying for J.C.M.Riley violated these programs and so harmed the taxpayer: Const. Foster failed to report this. MRC guidelines specifically state "to advance medical science", they do not say suppress research of value to cancer so to be able to give federal monies to the children of friends. The University of Waterloo suppressed cancer research in violation of MRC guidelines. The Minister of Health must call an inquiry into UW and MRC: violation of the MRC Mandate demands such.

FACT: the E.A.Greenhalgh MSc. thesis disproved

- a) The J.C.Carlson & J.C.M.Riley work
- b) It stated membrane fluidity was not important, and membrane pumps and genetic expression were -- the American team of Weigh et al won the Nobel prize for saying this in 1990 -- work started and suppressed at UW in 1986!
- c) In 1987 Greenhalgh wrote MRC with this work supported by a leading scientist from M.D. Anderson Cancer Center and asked MRC, "wouldn't honest cancer researchers want to know?" And described Cell Death Signal Theory (to cause specific genes to turn on to tell tumors to die) to MRC. Greenhalgh's 1986 suppressed MSc. thesis will have to be directly compared to the work (in 1986) of Dr. Victor Ling of Toronto's Princess Margaret's Cancer Center, because Dr. Ling won a prize in 1992 for discounting membrane fluidity and expressing the importance of membrane pumps.

FACT: research of direct medical science beneficial to Canadians as specified in the MRC Mandate was blocked by BOTH the University of Waterloo and MRC!!! The Ministry of Health should have held a public inquiry. UW lied, and Const. Foster covered up this federal violation of regulations.

The Center of Excellence program was meant to have private business invest monies in research on Canadian universities which is one proposed reason that the Extended Drug Patent Law (C-22) was passed. Blacklisting and/or federal law violations — non-compliance with C-22 is documented. Again cancer research is stressed (and was blocked to protect J.C.M. Riley and UW). Greenhalgh wrote a number of pharmaceutical firms specifically naming Bill C-22 and cancer research stressing the support from the researcher from M.D. Anderson Cancer Center, and how the firms could benefit from research done in Canada. CIBA GIEGY offered an MRC SCHOLARSHIP!!!! Repeat --- a Medical Research Council of Canada SCHOLARSHIP!!! There were NO Canadian universities willing to accept money for research!!??? Please see the other letters in the next few years where pharmaceutical firms like CIBA GIEGY, Hoechst Celanese, Hoffman LaRoche, Roussel etc. state that they DO NOT DO BASIC research in Canada: only clinical studies. This:

1. Proves blacklisting and an involvement with MRC
2. If the pharmaceuticals weren't in violation of the Drug Patent law because they weren't adding more research dollars to Canadian universities, then this also proves blacklisting.

This is a FEDERAL ISSUE and as such the ROMP should write a report stressing federal issues. Const. Foster did not.

The federal issue was reported by Greenhalgh to the Prime Minister(s) and Health Minister(s). The present health Minister wants to wait for a RCMP criminal investigation: excellent motive to coerce the RCMP to find no wrongdoing. So if Const. Foster produces a report of no wrongdoing (federal regulations, not just felonies) then the Health Minister does not have to act. Again, alleged motive for Const. Foster to write a biased and misleading report to cover up wrongdoing.

Please note UW blocked research of value to cancer to promote J.C.M.Riley who had no biology training and couldn't even grasp the significance of "bubbling air" through his membranes and the physical harm oxidation caused (until he stole the concepts later with Behrman). MRC covered up for UW and Riley. Yet, Greenhalgh proposed cancer theories, which gained the tacit support of a leading cancer researcher; and whose theories have been proven by people who won the Nobel Prize in 1990. Greenhalgh believed in his own work so much that when he was stricken with cancer he refused chemo and radiation; seven CAT Scans later he is cancer free!!!! ! What could the possible savings be to society if the theory could be made into clinical

treatments? And what about MRC and Prime Minister Chretien who are alleged to be covering up for UW and Riley? Who refuse to put their jobs and pensions on the line to prove whether or not J.C.M. Riley's work can actually be replicated/repeated? Quite the difference in attitudes. This must be federal fraud: MONEY RECEIVED UNDER TERMS THAT WERE KNOWN LIES AND VIOLATIONS OF FEDERAL REGULATIONS. The University of Waterloo's actual OPERATING POLICY, as opposed to signed assurances they may have given, was to lie to receive federal monies. An actual operating policy, day to day business, is the reality under which the University of Waterloo Administration, its Board of Governors, ACTED! To put it simply, a thief will sign a piece of paper, which states I do not steal, but that does not make a thief a thief if he picks your pocket. Under law, the principle is one of actual practices vs. purported ethics or morals. In the University of Waterloo's case, ACTUAL PRACTISES WERE TO LIE! Therefore, the University of Waterloo was receiving federal MRC monies by giving false assurances: i.e., fraudulent acquisitions. N.B: The Greenhalgh thesis did not only affect the Carlson lab, but ALL of the labs at UW (in MRC terms, an MRC Group) whose funding was based on membrane fluidity concepts, i.e., Drs. Thompson, Bol, Kruv, Lepock and others; plus their "private businesses, their biotechnology plans." If membrane fluidity was openly proven to be not as important as once perceived, and J.C.M. Riley a fraud, then other researchers applying for federal monies, MRC, NRC, NSERC or other, could not. They would have to acknowledge the Greenhalgh work, which proved the concept wrong.

Therefore, given as proven

1. UW intentionally lied

2. Knew it (UW) had engaged in wrongdoing, i.e., notified by Greenhalgh, outside legal counsel and a leading authority, with MRC contacted -- ANY research monies being renewed under UW's signed assurances for membrane fluidity studies were deliberately false: i.e., fraudulently applied for.

i.e., the blood company which supplied HIV infected product to hemophiliac children knew the blood was infected. That the workers on the floor might be ignorant of the fact was irrelevant -- the Administration, those responsible and accountable -- knew! SIMILARLY, UW's Board of Governors and administrators KNEW, and therefore, ANY signed assurances regarding compliance with TRUTHFULNESS OF ETHICS required by the federal government from the INSTITUTION, were fraudulent assurances. Money received for research grants under such assurances were received under FALSE PRETENSES: deliberate fraud supported by UW's Board of Governors.

This is no where more clearly proven than the fraudulent acquisition by J.C. Carlson and M. Sawada with the FULL and ACTIVE collusion of the Medical Research Council of Canada for their 1990 publication/grant where they stole the Greenhalgh MSc. theories. This is fraud because they were stealing someone else's work that the Board of Governors knew full well about because of the legal involvement in 1987. But they did it any way, and NRC violated ethics, and subsequently an Act of Parliament, to help them. MRC's violation of an Act of Parliament is breaking the law. They would never have received federal monies had honest regulations been enforced, so, because federal guidelines were violated to grant monies not possible by honest means, this then represents federal fraud. There should be a public inquiry of the Medical Research Council of Canada and the health Ministry. And this should have been in Const. Foster's report. Why wasn't it, if he wasn't actively colluding with UW and MRC to cover up? Please explain.

Ramifications of Misconduct by NRC and the Health Ministry

The Center of Excellence program criticized by Greenhalgh for lack of standards and ethics could endanger peoples' lives, especially if the qualifications of the participating "scientists" are as low and as bad as J.C.M. Riley's. And if institutional and governmental LIEING is the accepted and standard policy as practiced and demonstrated by the University of Waterloo, and the Medical Research Council of Canada in dealing with Greenhalgh.

Fact: J.C.M. Riley did not understand scientific principles or know what he was doing, otherwise he would have understood he was oxidizing his experiments when he "bubbled" air through his membranes. He did not have the necessary comprehension of chemical reactions. It must be alleged from the low standards that NRC has accepted from UW and Riley that many of the "so-called" scientists at the various "Centers of Excellence" participating in genetic engineering have the same low standards and lack of comprehension as exhibited by J. C. M. Riley. The Riley Standard must be accepted as the Government Standard for scientists engaged in these projects, especially the ones where human genes are being placed in various animals and plants. Like Riley, they do not honestly have the necessary abilities to grasp what they are doing. Many probably received positions due to family or political connections, not ability.

Historical Precedents

DDT, once called a miracle when first introduced because crop yields could be increased up to 300% through the elimination of pests. At the end of its wide spread use, when natural pests had adapted, crop yields were only 10 -30% with wide spread environmental damage.

Now genetically manipulated crops are giving yields of 100-300% because there are no natural pests or diseases to these new crops. What happens when (and they will) they develop? (and they devastate other crops etc.) Who is liable?

Precedent: Dow Corning when it lost the silicon lawsuit went into bankruptcy protection. In the HIV/HEP C settlements the pharmaceutical companies didn't pay out, the Canadian taxpayers did.

Precedent: Monsanto has lost control of genetically altered canola. Canada can not guarantee which crops have natural canola and which have genetically altered canola. Who is liable if the Europeans refuse to buy the Canadian farmers' crop, especially from those who chose not to use the new seed?

Human genes are now in animals and plants that aren't supposed to have human genes. What happens when an animal virus is able to overlap the human code and develops to respond to humans. It is a "new" disease which the (close packed) human population has no defense against.

Precedents (of new diseases introduced to populations without defenses)

1. Inuit on first meeting Europeans had no defense to the common cold and many died.
2. Syphilis when first introduced to Europe devastated the population
3. Smallpox devastated the aboriginal American population

If the Government of Canada ("we didn't have tests developed to detect") could not even monitor HIV/HEP C in a relatively small closed environment like the blood supply, how will it monitor viral interactions with human engineered genes in plants and animals, especially if they "escape" like the canola crop?

Greenhalgh, in writing the Canadian government, in the ongoing UW conflict predicted that new-engineered species would escape. So who will pay? Private companies or the taxpayers? Who paid in the Blood Scandal?

Greenhalgh has given warnings and predictions because of the issue raised by an institution LIEING to receive federal monies under FALSE ASSURANCES, and promoting substandard personnel: unqualified Ph.D.s whose merits are their relatives. The important issue has been that a Center of Excellence deliberately lied and it lied with the full confidence that the federal and provincial governments would cover up. The Medical Research Council of Canada from the very beginning to the present was in collusion with the university of Waterloo, ignoring its federal Mandate and regulations. The Ontario Human Rights Commission ignored the fact that, like a Third World dictatorship, the University of Waterloo could exert so much influence to DENY a citizen legal representation, and deny him the Rights guaranteed under the Charter. There is plenty of documentation proving wrongdoing, criminal fraud, federal regulation violations, plus Charter violations. And research of value to finding the answer to cancer was blocked. Wrong doing, which can be proven by answering the simple question: did the University of Waterloo lie? Please answer Questions 1 to 7, and A to E in writing.

The University of Waterloo, its Board of Governors, and Administration are all being accused of lying to obtain both NIH and NRC funds not otherwise possible by honest and ethical means. THAT IS FRAUD! The evidence is hard copy documented The INSTITUTION, the University of Waterloo, not any one individual, is being accused of criminal wrong doing in the very same manner that the institution of ADM, or BASE Hoffman Roche were all charged with conspiracy to price fix. The objective of the institution, the University of Waterloo was to gain monies by lying: the documentation exists. The question remains, how did Const. Foster miss all this?

Remy Beauregard
Executive Director
Ontario Human Rights Commission
400 University Ave.
Toronto, Ontario.
M7A 2R9

Attention: Office of Reconsideration
Attention: Ms. Peggy Smith and Mr. Tony Griffin

Title: A Problem Exists With the Ontario Human Rights Commission
Personnel, Their Inability to Read Supplied Documentation, and to Make
Even the Weakest Attempt for Face to Face Interviews with the Victim
in a Very serious Case Involving Allegations of Fraud
And Corruption.

Dear Executive Director, Remy Beauregard:

I have just received (22 Sept.95) the OHRC letter dated 19 Sept. 95, and was so shocked that Mr. T. Griffin and your office were telephoned. I most seriously asked whether or not your personnel had the ability to read since they have totally ignored material answering all of your concerns. Further, your personnel have refused to answer direct relevant questions that would definitively end this case with rulings against the University of Waterloo. In regards to the very literacy of your personnel please prove that they have the material sent by providing a complete listing of my correspondence to OHRC. This is necessary if the allegations are true that person or persons have been acting improperly and may have deliberately misplaced, withhold, or even destroyed the correspondence in order to interfere with the Commission from reaching a ruling against the University of Waterloo.

Could you please answer the Five Direct Questions repeatedly requested of OHRC as the answers are quite crucial. Since one of the questions concerns Mr. R. A. Haney's misrepresentation I must also point out that your personnel have continued to ignore the material citing Ms. Turner's own improper jury/panel selection process. Could you explain why please? Is this not atrocious behavior for a lawyer who is trained to know better? Yes or No? How can you ignore this material? Please answer all the questions.

Further, your people have acted improperly in other matters: ignoring your own rules and guidelines.

1. They have refused documentation
2. They have refused requests for face to face meetings so that additional documentation can be supplied and fully explained.
3. OHRC has NEVER arranged a face to face meeting between the University of Waterloo and myself to settle this matter as your own rules stipulate . Why?
4. Indeed, OHRC personnel may have met face to face with UW personnel (and not the victim). Why?

These are very grave concerns and strongly suggest that OBRO personnel are actively acting as advocates for and working to protect JOM Riley and the University of Waterloo from answering to very serious charges. Why? They also strongly suggest that OI~C personnel are actively working to protect Mr. R. A. Haney and his associated law firm from serious misconduct charges. Why?

The only reason OHRC appears to break its own rules regarding JON Riley is because he is a white person with ELITE connections. In my 22 Sept. 95 conversation with Mr. T. Griffin I explained that if. you drive through a red light that the law has been broken and charges must follow. When Ben Johnson was caught breaking the rules. (taking banned substances) he was charged and paid the consequences. Ben Johnson was an Afro-Canadian without ELITE connections. Is this WHY JCM Riley is protected, and Mr. Johnson wasn't: both went through "red lights.

Is this also true for Mr. R. A. Haney. He has compounded the problem from the very beginning making offers in bad faith and' written misrepresentations whose sole effect were to make matters worse, as he was aware. His conduct has been very poor and at times reprehensible, yet' OHRC has FAILED to say so. Ben Johnson has been judged. So why does OHRC appear to protect Mr. R. A. Haney from facing the consequences of his own actions. Ben, at least, claims that he was given bad advice. Mr. R. A. Haney being a senior, experienced lawyer can claim no such excuses--he should definitely know better. Does Ontario ONLY punish poor people without connections while ignoring the "indiscretions" of "connected" white men?

In China, the world claims many human rights abuses, mainly political and economic indiscretions (racism is not a factor). Douglas Wright, former Pres. of UW made speeches on ELITISM (and actively supported the Conservative Party of Brian Mulroney). OHRC appears to be advocating elitism and political/economic influence to protect JCM Riley while ignoring human rights abuse and Charter issues. Why?

So why is OHRC protecting JCM Riley when Ben Johnson wasn't? Your personnel and analysis is improper: OHRC claims no direct causal effect, and, yet, refuses to READ the documentation: turns down documentation. You are refusing to investigate and charge JCM Riley/UW. Ben Johnson was.

Here is one blatant example. Mr. T. Griffin is a lawyer, and as such, is trained to know better, BUT accepts the BAD arbitration practices put forward by the University of Waterloo: re Ms. Turner's "independent" panel selection process of "take it or leave it." Mr. Griffin should (?) know as a lawyer that such an offer is INVALID, being in BAD FAITH! and REPRESENTS a form of MISCONDUCT; but your staff has covered this up in their latest analysis report (refusing to acknowledge already supplied documentation dating back to 1993 already in OHRC's possession).

My letter to OHRC CLEARLY indicated:

1. JCM Riley did a post-doctorate with DR. L. R. Behrman at Yale. This is a relationship much stronger than an employee-employer one.
2. Any work critical of JCM Riley IS critical of H. R. Behrman, Therefore, H. R. Behrman CANNOT be independent of criticisms, and THEREFORE CANNOT BE EVEN REMOTELY BE EVEN CONSIDERED an independent researcher in any concerns involving E. A. Greenhalgh and criticisms concerning JCM Riley.
3. Yet, OHRC states that Dr. H. R. Behrman is an independent reviewer of the situation. BIG POINT: Mr. Haney and Ms. Turner have presented misrepresentative material in bad faith concerning Dr. L. R. Behrman. Mr. T. Griffin as a trained lawyer should know better than to accept such a statement by Mr. Haney and Ms. Turner.
4. Therefore, OHRC has written a clearly false statement whose only purpose appears to protect JCM Riley/UW from a fair investigation when the rules (red light) were broken.

Ben Johnson wasn't protected, so why should OHRC protect JON Riley?

As for claims of no direct causal effect, please review past correspondence, plus the copy of the material sent to the U.S. Justice Dept., Fraud Section (dated 18 Sept.95). Mr. Telegdi's secretary (M. P. Waterloo) on the 19th of Sept.95 informed me that JCM Riley teaches at UW. My allegations become (as already previously explained in correspondence to OHRC) family CONNECTIONS etc. HAD PREORDAINED, PREDESTINED, PREDETRMINED a position for JCM Riley at UW. This VIOLATES (red light) all equity and fair hiring practices!!! No if, and, or buts! It violates both federal and provincial labor/hiring laws. The University of Waterloo has definitely sped through a very red light.

Direct causal effect and violation of E. A. Greenhalgh's human rights and the Canadian Charter of Rights and Freedoms can be demonstrated by the fact that JCM Riley has a position at University of Waterloo. Since the Greenhalgh work would have prevented JCM Riley's graduation the University of Waterloo performed many acts or misconduct to promote JCM Riley regardless of the cost or laws broken. OHRC has volumes already supplied supporting these allegations. Nonetheless, please read the documentation: "Additional Documentation to the US Justice Dept.: re. Fraud and Racketeering Allegations" dated 18 Sept. 1995.

This documents further how misconduct was used to promote JCM Riley And GUARANTEE him a future position at the University.

Before closing, I must comment on the meanness I have experienced, not only from UW, but OHRC as well. I have placed scientific integrity and public safety: at the forefront and no one has ever offered to meet with me in person. I have written the university and Pres. Douglas Wright (registered letter; OHRC already has a copy.) asking to end the fight and for help to continue the work. I also wrote P. E. Trudeau (OHRC has a copy) Sheila Copps, Edward Greenspan (V.P.CCLU) Alan Borovoy - plus many others asking for help for the good of other students and Canada. I have, asked for help to end the struggle without harming anyone -- including UW. It was more or less ignored. This documentation has been offered to and refused by OHRC! Why did I wait SO long to lay my claim (see 02. Aug. 95 letter to Rosemary Brown! OHRC): to take the highroad and try and find a better way so that no one would be hurt. Documentation that OHRC HAS REFUSED!!!

I must now remind OHRC about the Howard Levitt quote and how MISCONDUCT is a LIGHT ONUS requiring to demonstrate that MORE LIKELY THAN NOT occurred. UW has had definite grounds as pointed out by Mr. Besant in 1987-88. However, UW bad to actively ignore MISCONDUCT in order to promote JCM Riley. This required that UW had to actively violate the civil human and Charter rights. OHRC is therefore protecting the University of Waterloo for being mean-spirited and punishing Greenhalgh (THE VICTIM) for being kind-hearted!!! May I ask OHRC why they don't expect and demand high standards and ethics from the University of Waterloo?

Public health and safety vs. JCM Riley/UW

Is it acceptable that:

- i. officials allow the blood supply to be contaminated?
- ii. 4 doctors in Ontario allow an infant to die because they were not competent enough to diagnose dehydration
- iii. an Ontario surgeon with a drinking problem is allowed to continue operating and leaves NINE clamps in a patient who dies.

And E. A. Greenhalgh is being treated MEANLY for expecting high standards in science and medicine? OHRC, take a stand for high standards and safe science. Ben Johnson had to pay for his misconduct. Are you going to protect JCM Riley and the University of Waterloo? I await your reply. Thank you.

Very Truly,

Edward A. Greenhalgh

c.c. Prime Minister Jean Chretien
Justice Minister Alan Rock
M.P. Andrew Telegdi

Premier Mike Harris
Labor Minister E. Witmer

265 Regina St. N., Apt.7,
Waterloo, Ontario.

N2J 3B9

13 Sept. 1998

Premier Mike Harris
Office of the Premier
Rm. 281
Legislature Bldg.
Queen's Park
Toronto, Ontario.
M7A 1A1

(416)-325-1941

*** Registered Letter***

Title: Allegations Of Collusion,
Conspiracy and Obstruction
of Justice Against the
Ontario Human Rights Commission.

Dear Premier Harris:

Thank you for your reply dated 04 Sept. 98,
BUT you failed to read the original letter. Please read the title:

"Allegations against the Ontario Human Rights Commission"

these include criminal allegations. WHAT DON'T YOU UNDERSTAND?

Documented evidence will prove that the Ontario Human Rights
Commission engaged in misconduct. Commissioner Brown and Ex. Director
Remy Beauregard and Director Carl Dombek are named directly
accountable. Will you do your duty and call an inquiry? The only
reason you will not is because you are participating in a cover-up!

"Arm's Length" - Corruption is corruption, no excuses!

Common Sense: if a government agency is stealing from society, you
investigate that agency. You don't make excuses about arm's length
that is only common sense. If an agency is lying and engaging in
misconduct (possible indictable offences), you investigate that
agency: that is common sense!

You don't investigate ONLY when you want to cover up because you fear
that you will find many cases of misconduct and harm. Examples:
the Cambridge Girls Reformatory Sex Scandal, or the Maple Leaf Gardens
molestation of young boys. If you investigate you find the harm goes
back many years and is wide spread. Premier Harris, if you don't
investigate the Ontario Human Rights Commission, it's because you
don't want to enforce the law and hold people accountable for
misconduct. You don't want to protect the citizens of Ontario.

Allegation: Why a Cover Up by the Harris Government

Unions have alleged that the Harris government wants to bust unions (from schoolteachers to janitors) so that private interests who contribute to the government will get "special" deals/advantages. The Harris government has extended OHRC's mandate to include pay equity and other labor place concerns. BUT what if the OHRC is a CORRUPT agency padded with commissioners and directors who will come to pre-arranged findings that have been dictated to them by private interests. That OHRC's findings can be pre-determined irregardless of any witnesses or evidence? That NO serious claim or charge will ever be brought against any business or private interest that supports the Ontario government, and the goal of union busting may be realized. These are serious allegations against OHRC and the Harris government. Only an open inquiry into the allegations of corruption and misconduct can clear the Harris government. Otherwise a cover up must be accepted as proven.

Mr. Harris, documented evidence supporting the allegations of misconduct, lying and even an indictable offence (conspiracy to cover up and obstruction of justice) are made against the Ontario Human Rights Commission. Commissioner Rosemary Brown, Ex. Dir. Remy Beauregard, and Dir. Carl Dombek are directly named. What part don't you understand?

Will you , or won't you call for an investigation of these most serious allegations against the Ontario Human Rights Commission?

Very truly,


Edward A. Greenhalgh

Please be aware that this is a registered letter that will be released to the public domain as appropriate.

cc in. Isabel Bassett.

Office of
the
Premier

Legislative
Building
Queen's Park
Toronto, Ontario
M7A 1A1

Cabinet du
Premier
ministre

HOTel du gouvernement
Queen's Park
Toronto (Ontario)
M7A 1A1



September 4, 1998

Mr. Edward A. Greenhalgh
7-265 Regina Street North
Waterloo, Ontario
N2J3B9

Received
10 Sept 98
EAB

Dear Mr. Greenhalgh:

Thank you for your letter regarding the difficulties you have been having with the University of Waterloo.

While the Ontario Human Rights Commission reports to the Minister of Citizenship, Culture and Recreation, it is, in fact, an arm's length regulatory agency which investigates complaints through its own independent processes. To ensure this independence, the government does not interfere with individual investigations of the Commission.

Thank you, once again, for writing.

Sincerely,

Michael D. Harris, MPP

The Premier of Ontario

Legislative Building
Queen's Park
Toronto, Ontario
M7A 1A1

Le Premier ministre de l'Ontario

Hotel du gouvernement
Queen's Park
Toronto (Ontario)
M7A 1A1



received
19 NOV 98
EAG

November 16, 1998

Mr. Edward A. Greenhalgh
7-265 Regina Street North
Waterloo, Ontario
N2J 3B9

Dear Mr. Greenhalgh:

I have received your letter of November 9th concerning a matter you have raised with the Ontario Human Rights Commission (OHRC) and the Ontario Ombudsman.

I have noted your concerns and hope you will understand that it would be inappropriate for me, as Premier, or any elected official to intervene in the decisions and rulings of the OHRC or the Ombudsman. You may wish to continue to communicate with these agencies to determine the options available to you.

Thank you for writing.

Sincerely,

Michael D. Harris, MP

The Law Society of Upper Canada
Le Barreau du Haut-Canada

Direct Line: (416) 947-3441
Facsimile No.: (416) 947-3924

PRIVATE AND CONFIDENTIAL

October 22, 1993

Mr. Edward A. Greenhalgh
265-7 Regina St. North
Waterloo, Ontario N2J 3B9

Dear Mr. Greenhalgh:

This will confirm receipt of your letter dated October 14th, 1993, together with attached materials.

I should firstly indicate that it is the responsibility of the Law Society to regulate the activities of lawyers practicing in the Province of Ontario. That is the extent of our legislative mandate and as such, we have no authority to provide legal opinions or advice on the wide range of issues raised in the material you have provided.

Generally however, I can advise you that it is the police authorities that will investigate fraud allegations.

I have reviewed all of the material provided in an effort to determine whether there is any basis for an investigation by the Law Society of Mr. Haney's conduct. It is my conclusion that there is no such basis. It is quite apparent you are currently engaged in a wide ranging dispute with various parties employed by the University of Waterloo and that Mr. Haney is the legal representative of the University., In your material, there appears to be a misapprehension that Mr. Haney owes you as an individual student of the University some sort of legal or ethical obligation. This is not the case. All universities are, effectively corporations controlled by a board of directors or a governing council. That governing body will retain a legal representative who reports to them only. It is the responsibility of the lawyer in those circumstances to provide legal advice and to protect the interests of the University on the instructions of that governing body. As such, the lawyer has no relationship to the student body or, for that matter, to any individual member of the governing body.

In response to the specific concerns you have raised about Mr. Haney, all lawyers have a duty of confidentiality to their clients which would prevent them from advising any third party (including the police) of information which comes to their attention as a result of the solicitor and client relationship about previous criminal actions of their clients. There are very sound legal and ethical reasons for such a provision which go to the rights of

individuals to a defense, their right to remain silent and the duty of the Crown to prove an individual's guilt beyond a reasonable doubt.

One exception to a lawyer's duty to keep information obtained from clients confidential would be in circumstances where the client had advised the lawyer of their intention to commit future crimes. In those circumstances, the lawyer may act to prevent that future crime from being committed.

That stated, I should emphasize that the Society is in no position to determine whether a fraud or any abuse of individual civil rights has been committed by the University or any individual in these circumstances. As I indicated above, these are not matters, which can be investigated by the Law Society.

With respect to the points contained in your letter of August 19th, 1993, I do not believe that these statements disclose bad faith either on the part of Mr. Haney or the University. At the same time, I do not agree that these statements or, for that matter, any of the other material you have provided, point to any kind of personal relationship between Dr. Carlson and Mr. Haney. Essentially, I believe that Mr. Haney's advice to you and your various lawyers at different times has been sound. He has advised you of his client's position and has recommended that you pursue the appropriate remedies in order to rectify what you obviously believe to be injustices brought upon you by the actions of the University. In this regard, Mr. Haney is no more than the University's legal counsel. In that position, he has no authority to arrange for a public enquiry or to conduct an investigation into your allegations without obtaining the advice of his clients. It is evident from the correspondence that has been exchanged between you, Mr. Haney and your various counsel that Mr. Haney never had instructions from the University to take such actions.

In summary, Mr. Haney has a duty to represent the interests of his client, the University. To the extent that those interests conflict with yours, then Mr. Haney has a duty to defend the University from the claims and allegations that you have made against his client in the circumstances where he has been instructed to deny or resist those allegations. In view of this, I can find nothing improper in the actions taken by Mr. Haney to date, as evidenced by the material that you have provided.

Yours truly,

J. Scott Kerr
Assistant Secretary
JS1/rkm

The Law Society of Upper Canada
Le Barreau du Haut-Canada

Direct Line: (416) 947-3441
Facsimile No.: (416) 947-3924

PRIVATE AND CONFIDENTIAL

February 15, 1994

Mr. Edward A. Greenhalgh
265-7 Regina Street North
Waterloo, Ontario
N2J 3B9

Dear Mr. Greenhalgh,

Re: File No. 93-4652

This will confirm receipt of your letter dated February 2nd, 1994, together with attachments.

After reviewing the material you have provided, I do not believe that there is any basis for a departure from the position I set out in my correspondence with you of last year.

Essentially, if you believe that the University breached its Contractual obligations with you and/or actively discriminated against you contrary to provisions of the Human Rights Code or any similar legislation, then these are matters which fall outside the Law Society's jurisdiction to investigate. As you have been advised in the past, any remedies you have for the injustices that you believe have befallen you lie either with the courts who have the authority to determine whether there was any form of contractual relationship between you and the University and, if so, whether said contract was breached by the University or with the Ontario Human Rights Commission, which is responsible for enforcing the Ontario Human Rights Code. Before the Law Society can even begin to consider whether an investigation of Mr. Haney is warranted, a number of preliminary questions would have to be resolved in your favor. These preliminary questions all relate to the validity of your claims as they relate to contractual breaches and acts of discrimination by the University. In the event that any of these claims were established then it would be necessary to link the activities of various University officials to the advice or actions of Mr. Haney.

For these reasons, it would not be appropriate for the Law Society to initiate a any inquiries at this time.

Yours truly,

J. Scott Kerr
Assistant Secretary

JSK/rkm

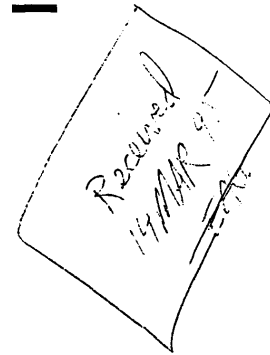
The Law Society of Upper Canada
Le Barreau du Haut-Canada

Direct Line: (416) 947-3441
Facsimile Number: (416) 947-3924

March 9, 1995

PRIVATE AND CONFIDENTIAL

Mr. Edward A. Greenhalgh
265-7 Regina St. North
Waterloo, Ontario
N213B9



Dear Mr. Greenhalgh:

RE: Our File No. 93-4652

This will confirm receipt of your letter dated February 20, 1995, together with attachments.

As I understand it, you are requesting that I evaluate the validity and accuracy of statements made by Mr. Haney in a letter he wrote to the Ontario Human Rights Commission dated February 3, 1995. In this regard, you have referred me to a number of passages in that letter which you believe to contain discrepancies.

After reviewing this material, and given the positions I took in previous correspondence with you, I believe it is necessary for me to reiterate the position I took previously. Specifically, in my letter of February 15, 1994, I advised you that before the Law Society could begin to consider whether an investigation of Mr. Haney was warranted, a number of preliminary questions would have to be resolved in your favor. At this point, it seems clear that, while the Human Rights Commission is investigating complaints you have lodged with them, they have not completed their investigation. It also seems clear that no adverse findings have been made against Mr. Haney. Essentially, Mr. Haney has now responded to your complaint and you wish to take issue with some of the positions he is taking. You have, of course, every right to do this but it must be done within the context of the Human Rights Commission's investigation. In my view, it serves no purpose for both the Commission and the Law Society to be evaluating Mr. Haney's response to the Commission. Given this, and if you have not already done so, I would strongly suggest that you bring the concerns which you have set out in your most recent letter to me to the attention of the Commission's investigator.

If, at the conclusion of its inquiries, the Commission determines that Mr. Haney acted improperly, then that would be the appropriate time for this matter to be reported to the Law Society.

Yours very truly,

J. Scott Kerr
Assistant Secretary

Jsk:nk

Investigation Request to the National Institute of Health (NIH)
(c/o Dr. Samuel Marrow)

18 July 1994

To investigate scientific misconduct by the University of Waterloo (Canada) and Collaborating
Extramural Researchers to suppress research contrary to their shared and associated research grants.

From:

E.A. Greenhalgh
265-7 Regina St. N.
Waterloo, Ontario
N2J 3B9 Canada

ph. (519) 884-3318

Copies to:

Dr. Samuel Marrow: National Institute of Health
Mr. David Kessler: Commissioner, Food and Drug Administration
Ms. Cindy Peirson: National Women's Health Network
Congressman John D. Dingell: The Oversight Committee

Precedence exists in the 1994 review of the 1985 cancer study of Dr. Roger I Poisson. Along with Dr. Roger Poisson, all the collaborating researchers to the study had to be reviewed. The Greenhalgh complaint covers the period 1986 to 1988 to 1991, and does not center on the misconduct of one individual but asks for an ethical review of the conduct of an institution (the University of Waterloo) and extramural researchers who were in some form of cooperative agreement and in various forms of receipt of NIH funding. All would share expectation of benefits, and consequentially, would be aware of NIH expectations of ethical conduct, and guidelines.

The common link was a perceived threat to their mutual theory; the basis for everyone's funding. If the work questioning flaws in their theory could be prevented, then contravening views and access to traditional remedies (i.e., questions at conferences) would not threaten continued funding, nor personal prestige. Everyone had a choice — except Greenhalgh who was barred from the most basic principle of science: replication of questioned work. Since all involved understand NIH guidelines, then all are open to review.

The importance of choice, to replicate work, is critical to the public health and safety. The public depends on ethical agencies to watch over science. In Canada, the Pharmaceutical Industry reassures the public that product safety testing takes ten years, and at any time the project can be stopped. The University of Waterloo and Governing Officers have many political ties, but do they have a commitment to integrity? NIH standards? Do the collaborating extramural researchers? This is year 7 in a scientific dispute; flaws and ethics must be re-examined. The Canadian Red Cross HIV scandal is an example. The Pharmaceutical Industry should be in accord.

Drs. J.C. Carlson, J.C.M. Riley, J.E. Thompson and M. Sawada will be specifically cited. Others, based on written works relevant to events and their NIH funding will be noted. NIH guidelines, as provided by Dr. S. Marrow, May 1994, will be used. The relevant time frame is 1980 to 1988, with plagiarism cited in 1991. The concern is ethics and integrity: if pressures cause a conflict between honesty and prestige, then the public loses. Part of safety is prevention, and sending a message is part of prevention.

The misconduct/misrepresentation centers around the works of Dr. J.C.M. Riley. He is not the main concern, rather the senior researchers, administrators, and institutions who ignored NIH (other) guidelines are. What is being asked to be investigated is whether individuals and institutions who were mandated by receipt of NIH awards to be familiar with the letter and spirit of NIH rules, ignored same. Sections of the photocopy supplied by Dr. Marrow are excerpted and alphabetized. From:

"Federal Register part V!! Dept of Health and Human Services; Policies & Procedures for Dealing with Possible Scientific Misconduct in Extramural Research Notice."

- A. p. 27384 — “..and awardee institutions, 42 CFR part 50, subpart A,.., These policies and procedures apply to all instances of possible scientific misconduct involving research.., and officials in monitoring, investigating and resolving instances of possible scientific misconduct..”
- B. B. p. 27385 — “1.4 Definitions.., misconduct,.., defined at CFR 50.102 as fabrication, falsification, plagiarism or other practices that seriously deviate from these,.., that are commonly accepted in scientific community. It does not include honest error or honest differences in interpretation or judgement of data..”
- C. p. 27385 — “Institutions as defined at 42 CFR 40.102 means the public or private entity, that is applying for or is a recipient of financial assistance from the PHS, e.g. through grants or cooperative agreements including continuation awards, whether competing or non-competing. The organization assumes legal and financial accountability for the awarded funds and for the performance of the supported activity.”
- D. p. 27386 — “..,if in the judgement of the OSI, an institution cannot or has not conducted an investigation that adequately resolves the issue(s)..”
- E. p. 27386 — “1.5 Responsibilities..(a) Applicant and awardee institutions have primary responsibility for preventing, detecting, investigation, reporting and resolving possible or alleged scientific misconduct.”
- F. p. 27387 — “(2) The Office for Protection from Research Risks (OPPR).., is responsible for investigating alleged or apparent violations of either,.., or PHS animal welfare policies,..”
- G. p. 27390 — “,.., that an institutional investigation is being initiated, .., The OSI may request and review the institution’s policies and procedure for dealing with possible scientific misconduct,..”
- H. p. 27390 — “..,factors as whether or not the instance of possible misconduct was an isolated event or part if a repeated pattern.”
- I. p. 27393 — “(b) the nature of the misconduct, i.e., was the violation deliberate (c)the degree of seriousness, were data fabricated or falsified.”

Points A. to I. will be cited and given as a claim of scientific misconduct to a group with an established history of collaboration and cooperative understanding.

Outline

Point A. includes the University of Waterloo (senior administrators, etc.) p~ all extramural associate researchers (who reside at other institutions) whose work constitutes a cooperative/collaborative effort: a common theoretical basis and co-authored publications. Therefore, the other institutions cited must be informed (i.e. Yale, Cornell). The key phrase is, “policies . . . apply to all instances of possible scientific misconduct . . .” (Although Dr. J.C. Carlson may have been in receipt of funding other than NIH after 1985-86, he had been previously (HD 14058) which was (1984) the time period Greenhalgh began his work.

Further, it is work from this time period (re. M.M. Buhr publications) he continues to reference. Further, Dr. J.E. Thompson (Biology Chair, now Dean of Science) was on both the Riley and Buhr committees. And Carlson co-authored papers (cooperative understanding) with Dr. W. Handsel of Cornell, and Dr. H.R. Behrman of Yale who were funded by NIH. Jurisdiction has been established.

Point B. Misconduct. What will be shown from handwritten comments and publications is that honest error and honest difference had not occurred, but deliberate and premeditated actions were taken to cover up theoretical flaws.

Point C. The collaboration between researchers at Waterloo, Yale and Cornell represents a "cooperative agreement". Their continued and combined collaboration over several years represents a meeting of minds and shared goals with mutual benefits. ~ gained from shared publications (several names on one paper promotes future grants, institutions, and establishes students), and therefore, shared ethical responsibility to NIH guidelines. Hence, Dr. Handles and Dr. Behrman have a share in J.C.M. Riley and the University of Waterloo.

Point D. ". . . an institution has not conducted an investigation." Yale and Cornell will have to be informed by NIH, but the University of Waterloo has not only failed to investigate, but their treatment of Greenhalgh must be viewed as "practicing damage control".

Point E. "1.5 Responsibilities . . . awardee institutions have primary responsibility for . . ." The University of Waterloo has failed to be responsible on every occasion, and at every level from graduate advisor to the President/Chancellor Douglas Wright (see Mr. Wright's newspaper speeches). The complaint is against the institution of the University of Waterloo. Waterloo as an institution has received NIH funding for various projects (i.e., HD-14058). Their ethical track record and eligibility for NIH funding is being questioned.

Point F. ". . . , on PHS animal welfare policies, . . .," The lab book notes show how specimens were hidden, and, if not how tampering occurred. Included are sections from the suppressed thesis about an "illness" in the colony and precautions taken. Note Dr. Carlson's handwritten comments, and the comments from the public colloquium about the "frustration over sick animals".

Point G. ". . . , review the institution's policies and procedures for dealing with possible scientific misconduct . . ." The attitude of the Governing Officers of the University if summed up in President/Chancellor Douglas Wright's newspaper headlines. He decries the low standards of the education system, but graduates a biology Ph.D. who has only a general physics BSc. and whose work can't be replicated as flaws were outlined. The university's solicitor's replies highlight their attitude. Their eligibility for NIH funding should be reviewed in the above context.

Point H. “. . . whether or not, . . . , misconduct was an isolated event or part of a repeated pattern . . . “ The repeated pattern to be investigated is the linking of funding and publications and associates. It is not enough to “pad” a publication with co-authors, but equally important to reference friends (so their works are listed in a book of frequently cited works). The more citations enhance reputation and funding status. The more prominent your Mentors, the better your own publication chances are for journal acceptance (the referees are your friends). Therefore, we see a funding circle based on friendships.

In the above context examine the OHRC letter and any relationships of Drs. Dorrington to Behrman to Carlson to Thompson to Handles to Riley through shared publications and referenced works. As to cooperative understandings, were there exchanges between Cornell/Yale and Waterloo? If Cornell/Yale were receiving NIH funding and referencing the Carlson/Riley (and Buhr, etc.) work (vice au versa), then a shared benefit existed. Further, a pattern may be seen to emerge between the years 1980 to 1990 based on the above theme.

Point I. “b. . . . was the violation deliberate . . . “ Support will be drawn from the animals, blacklisting and the Riley/Behrman/relative connections for illustrations thereof.

“d. . . . the degree of seriousness, were data fabricated or falsified . . . ,“ Support will come from Dr. Carlson’s handwritten comments, work that can’t be replicated (letters to the University of Waterloo); the “sick anima1s”; and relationships to extramural researchers (i.e., Behrman’s papers using BSA vs. findings in suppressed thesis).

Specifics

An obvious example is required because the original suppressed material contains the objectionable material binding. Carlson, Riley and the University of Waterloo to Dr. Behrman (Yale), plus others. The McMillan Binch letter citing plagiarism to the University of Waterloo is a good starting point because it incorporates the original complaint of academic misconduct from Mr. Chris Besant (Campbell. Godfrey & Lewtas) circa 1988 specifically expressing concerns of future misconduct/theft. I quote p. 1-2:

“Greenhalgh was enrolled in the MSc. program at the University of Waterloo for a considerable period of time. During the course of Greenhalgh’s studies, it became clear that significant portions of his research and thesis would refute past findings of his supervisor.¹ During the course of these studies, Carlson insisted that Greenhalgh remove from his thesis those portions which refuted Carlson’s past¹ research. During the course of this earlier dispute, Greenhalgh’s solicitors wrote to Dean Gardner on May 19, 1988, and expressed concern over possible plagiarism of Greenhalgh by Carlson. At the time, Greenhalgh’s solicitors wrote: ‘Mr. Greenhalgh has received indications that Dr. Carlson is funding another student to replicate Mr. Greenhalgh’s work. Mr. Greenhalgh believes that it may be the intention of Dr. Carlson to have himself or this student take credit for this

work without a full attribution to Mr. Greenhalgh. Obviously, if this were the case, there are further ethical² considerations which ought to be explored.’
In our client’s view such plagiarism has occurred.”

Superscripts:

1. The original thesis questions works that Carlson had received NIH funding for (HD-14058) and had co-authored papers with researchers in receipt of NIH funding. Honest, unbiased, constructive criticism could be regarded as a threat to the funding of researchers who had reached cooperative understandings.

2. Ethical considerations. What level of ethics does the University of Waterloo have to exhibit to be eligible for NIH funding (both past and future)? What responsible actions should the University of Waterloo have taken to exhibit the right to consideration for such eligibility?

How is “cooperative understanding” shown?

1. Co-authored papers.
2. Cross-referencing each others’ papers and theories.
3. Shared presentations at conferences.
4. Post-doctorate supervisors, positions at other institutions and outside examiners.

The question is: what is the difference between innocent association and active I participation? The answer lies in expected benefit/gain (monetary or prestige), and potential loss if flaws were openly questioned (at a conference for example). Written work and grant applications establish NIH jurisdiction over any member of a “cooperative understanding” group. And if the original Greenhalgh work did not exist, Greenhalgh did not present at a conference nor publish, then NO threat would exist. Therefore, active participation includes any activity to prevent the last three points from occurring (existence of contravening views).

Returning to the McMillan Binch letter citing plagiarism, a number of pertinent points are raised. The University of Waterloo dealt in bad faith once more with Greenhalgh (re. NIH points A, C, D, E and G). First, they offered 3 names as independent and unbiased referees (Mr. Haney, 16 Nov. 1992): Dr. Harold R. Behrman, Yale University; Dr. Jerome F. Strauss III, University of Pennsylvania; and Dr. Fredrick Stormak, Oregon State University. Greenhalgh replied in “Mr. Greenhalgh’s Response”; that independence must be proven and if any of the referees turned out to be a past doctorate supervisor, then this could be seen to be unethical and criminal activity. To this the university (Mr. Haney, 25 Mar. 93) replied:

“The university is not prepared to undertake an internal inquiry,¹ . . . , plagiarized some of his work, and in my experience this will be an extremely difficult charge for him to prove...up to Mr. Greenhalgh to proceed with whatever action he feels is appropriate . . .”

Note my superscript 1 and NIH's expectations of institutions regarding points A, C, D, E and G. Does U of W measure up to NIH standards and expectations? Please note that Drs. Behrman and Strauss receive NIH funding. How do they cross-reference with Drs. Carlson and Thompson?

Was Riley at Yale? Was Dr. Behrman in some post-doctorate relationship with him? What other cooperative understandings can be seen through J.C.M. Riley? Was Dr. Tsang (U. of Ottawa) his external examiner? What relationships can be seen through Dr. J.H. Dorrington of U. of T. and cited in the 1994 complaint to the OHRC? Observe the following example. J.C.M. Riley and J. Carlson prepared a paper (Biol. of Reprod. 32:77-82, 1985) on the calmodulin system (AND my thesis questioned their results) referencing J.A. Carnegie and B.K. Tsang, Biol. of Reprod. 30:515-533, 1984. Carnegie and Tsang's p. 521 references include: 4 papers by D. T. Armstrong and J.H. Dorrington; 1 by H.R. Behrman and D. T. Armstrong. The circle of "cooperative understanding" expands. The point is: if a serious flaw arises in one lab's work, then all other members are subject to scrutiny and question. Dr. Behrman is funded by NIH. A computer cross-referencing of the major players should give NIH investigators a comprehensive understanding of "cooperative understandings" for the period 1969 to 1990.

A circle of friends, consider the context in Greenhalgh vs. Behrman in using BSA (bovine serum albumin) in experiments. Dr. Carlson instructed Greenhalgh to include same (see photocopy). The Behrman work produced a paper (NIH grants HD-10718 & HD-14098): J.L. Luborsky, W.T. Slaten and H.R. Behrman, Endocrinology, v.115, No. 6 (1984), p. 2217-2226. This paper is significant because of its immediate relevancy to the conflict - 1984. The paper (2% BSA) relates Dr. Behrman and various uses of BSA solution as far back as 1974. Whether or not BSA may have perfectly appropriate uses, in Greenhalgh's work with luteal cell functioning a detrimental effect was demonstrated. Should that have been perceived as threat or honest science?

Let us examine examples from the thesis, and start with the final statement of the original thesis, pg. 217:

"As for the contention that membrane fluidity is important to receptor-binding (or lack of) or adenylate cyclase functioning (or hindrance thereof), no support could be provided for such from the work presented in this thesis. What the thesis does conclude, is that physical changes do occur in regressing luteal cell membranes, but they are just that: physical responses after the fact. They may be part of the mechanism providing arachidonic acid for PG biosynthesis; however, they are not the signaling mechanism. The literature still places the origin of that signal deeper in the cell and an investigation of genetic expression would provide greater insight than more polarization studies could hope to."

The points to note are:

1. the contention that membrane fluidity is important to binding or hindrance was a major questioning of the contemporary research;
2. physical changes do occur but. are secondary
3. genetic expression is more important.

This material was ready for a thesis by 1986 (see public colloquium and letters to Dean) but suppressed. A lawyer was required for graduation. From the Toronto Star article about Weight et al.'s 1990 Nobel Prize theory concerning the importance of membrane pumps and "this will change everyone's thinking". Read pages 214-215 of the suppressed thesis.

Now examine Behrman et al.'s stand (v.115, 1984, p. 2217-2226). Please note: I

p. 2224 - "In the presence of PGF_{2a}, FELH binding was reduced as expected, . . . , presence of PGF_{2a}, showed a 30% decrease in binding . . ." (N.B., .BSA + Phospholipase A₂ action from thesis). ". . . , Cells labelled with FELH at 4C under conditions of REDUCED MEMBRANE FLUIDITY and in the presence of PGF_{2a}, exhibited little difference in FELH aggregation compared to untreated cells. In contrast, cells incubated with FELH and PGF~ at 37C showed marked reduction of LH receptor aggregation compared to untreated cells. This indicated that PGF~ does not rearrange LH receptors, but it prevents LH-induced receptor aggregation. This is consistent with a previous report that PGF_{2a}, induced luteolysis is correlated with changes in luteal membrane lipid composition and A REDUCTION OF MEMBRANE FLUIDITY (37)."

AND (37): Goodsaid-Zalduondo, F., Rintoul, D.A., Carlson, J.C., Handles, W., 1982. Luteolysis induced changes in phase composition and fluidity of bovine luteal membranes. Proc. Natl. Acad. Sci. USA 79: 4332.

Funding - National Institutes of Health, Profs. Elliot Elson (GM 1661), David Silbert (GM 16292 & BC 198D), and W.H. and J.C.C. (NICHD 432-8410).

Again, a cooperative understanding: Cornell and Waterloo.

Why focus on BSA (bovine serum albumin)? How does BSA threaten Riley, Behrman and Handles? Note from the suppressed thesis:

p. 104-105, Fig. 2 - BSA decreases progesterone response in Control cells. I

p. 106-107, Fig. 3 - Phospholipase A₂ inhibits/decreases progesterone response in Control cells.

p. 112-113 - polarization/fluidity studies of luteal membranes wherein both BSA I and Phospholipase A₂ (PA₂) decrease fluidity.

Note p. 144. "BSA's action on the Saline-Control luteal cell suspension shown in Figure 2B, . . . , BSA has been noted to interfere with hormonal binding or expression (111, 112, 113), transferrin binding (20), has phospholipase A₂ activity and reported to inhibit the lipid uptake in Chinese Hamster ovary (CHO) cell (80). Erickson et al. (112) suggest that sera modify/inhibit post-adenylate cyclase and post-cAMP actions. These events are not at the PM per se, but more

8.

cytosolic in nature, and therefore the actions seen with BSAIFBS being similar (reduced or basal steroidogenesis) to regressed cells would indicate that the working regression mechanism OCCURS BEYOND THE PM..." "...Along these lines (BSA has phospholipase activity) and since phospholipase A2 (PA2) has been reported to have a role in luteal regression . . ."

Note:

1. BSA decreased progesterone response.
2. BSA and phospholipase A₂ decrease membrane fluidity.
3. BSA reported to have phospholipase A2 activity.
4. The BSA experiments moved luteal regression actions from fluidity and the plasma membrane (PM) (central dogma of Behrman, Handles, Carlson and Thompson) and suggested events occurred elsewhere.

Their Central Dogma and Co-operative Agreements: From; Compositional and physical properties of microsomal membrane lipids from regressing rat corpora lutea. J.C. Carlson, M.M. Buhr, M.Y. Gruber and J.E. Thompson (1981), *Endo*, v.108, No. 6, 2124-2128.

p. 2127 ". . . A number of theories have been proposed regarding the mechanism of corpus luteum regression. Recently, Behrman et al. (28) suggested that PG is working on the plasma membrane of the luteal cell to inhibit gonadotropin binding to its receptor. Although further studies are necessary before the details of this mechanism are understood, it is possible that the link between PG and the gonadotropin receptor is related to a physical change in plasma membrane lipids."

Not to belabor the issue, but since Weight et al.'s work, this is not the case. However, many researchers were basing their grant applications (and reputations) on the above theory. But why center on this paper? Essentially, because it explains their main theoretical beliefs and their papers continuously reference back to Carlson, Riley and Buhr papers produced during this period (i.e. Sawada & Carlson, 1991, cited for plagiarism reference 14. Carlson, J.C., Buhr, M.M., Riley, J.C.M., 1984). Alterations in the cellular membranes of regressing rat corpora lutea. *Endocrinology* 114: 521-526 - see their reference list).

Example of Central Dogma J.C.M. Riley and J.C. Carlson. Calcium-regulated plasma membrane rigidification during corpus luteum regression in the rat (1985). *Biol. of Reprod.* 32:77-82.

From the abstract:

"The rigidification manifested by a 72% polarization increase over 50 mm. is calcium and calmodulin dependent, temperature sensitive, and protein mediated."

The suppressed thesis proves these statements wrong, finding a chemical reaction (calcium and free radical mediated). More importantly, examine a précis of their references:

- Behrman, H.R., Luborsky-Moore, J.L. Pan & C.Y. Wright, and Dorflinger, U. (1979).
- Buhr, M.M., Carlson, J.C. and Thompson, J.E. (1979).
- Carlson, J.C., Buhr, M.M., Wentworth, R., and Handles, E. (1982).
- Carlson, J.C., Buhr, M.M., and Riley, J.C.M. (1984).
- Legge, R.L., Thompson, J.E., Baker, J.E. and Lieberman, M. (1982).
- Mayalc, S., Legge, R.L., and Thompson, J.E. (1983).
- Pang, C.Y. and Behrman, H.R. (1979).

NIH point C, Cooperative agreement and collaboration can be seen above between Carlson, Thompson, Behrman and Handles.

To further appreciate theoretical flaws, examine a later paper, Riley, J.C.M. and J.C. Carlson (1988). Impairment of gonadotropin binding occurs during membrane rigidification in plasma membrane samples prepared from regressed rat corpora lutea. *Can. J. Physiol. Pharmacol.* v.66, 76-77.

*N.B. Greenhalgh, Riley and Sawada all presented work in 1986 public I colloquium. Greenhalgh pointed out flaws in the above work (see photocopies) and was not allowed to graduate until 1988 and the paper was published (and only after legal intervention).

From the abstract: "Thus it appears that the membrane rigidification is of a specific nature and interferes with gonadotropin binding during luteolysis."

N.B. INTERFERES WITH GONADOTROPIN BINDING which is in agreement with the quote from Endo. 108 (1981) referencing Behrman. This proves a meeting of minds and shared concepts. –

Note their pg. 74 and closing statement:

The present results show that the elevated polarization readings in plasma membrane samples from regressing CL (Riley & Carlson, 1985), which occur under appropriate incubation conditions of temperature and calcium content and are mediated in part by phospholipase A₂ activity (Riley & Carlson, 1987), represent specific or localized structural changes that are closely associated with a loss in LH-LCG receptor binding?

The suppressed thesis admits physical changes do occur but goes on to demonstrate basic chemical reactions that the authors could not comprehend. The localized changes were physical damage and the suppression by Carlson leads to NIH point C - "was the violation deliberate, and degree of seriousness". Also, points H and B. Please review their reference list for "cooperative agreement" between Carlson and Behrman.

To appreciate Riley and Carlson's actions above, you must examine the paper cited for plagiarism by McMillan Binch (and foretold by Mr. Besant):

Sawada, M., and J.C. Carlson (1991). Rapid plasma membrane changes in superoxide radical formation, fluidity, and phospholipase A₂ activity in the corpus luteum of the rat during induction of luteolysis. *Endo.* v.128:2992-2998.

Please read the McMillan Binch plagiarism letter for details but note, from the Abstract:

“These experiments indicate that one of the initial sites affected by the luteolytic process appears to be the plasma membrane. The changes include a transient rise in production of superoxide radicals, which may cause membrane changes that are responsible for disrupting corpus luteum function in the rat.”

And pg. 2997 conclusion:

“The above experiments indicate that stimulation of SOR formation by PGF~ is ONE OF THE EARLIEST EVENTS in the luteolytic PROCESS. Within our plasma membrane samples, it appears that this burst induces a series of changes that stimulate LIPOLYSIS and SUBSTRATE GENERATION for CONTINUED MEMBRANE DISRUPTION. Initially, the luteolytic alterations seem to be localized and primarily responsible for INTERRUPTING THE PATHWAY involved in regulating progesterone secretion.”

N.B. They have changed and are saying ONE OF THE EARLIEST EVENTS but haven't examined genetic expression yet. As to lipolysis and substrate generation for membrane disruption and pathway interruption, read the suppressed thesis p. 174-177, 180-185, 214-217.

Note some of their references:

1. Pang, C.Y. and Behnman, H.R. (1981), *Endo.* 108:2239-2244.
- *2. Riley, J.C.M., Cziraki, S.E., and Carlson, J.C. (1989), *Endo.* 124t:1564-1570.
6. Behnman, H.R., Preston, S.L. (1989), *Endo.* 124t(2895-2900).
13. Paul; K.P., Thompson, J.E. (1980), *Nature* 283:504-506.
- **14. Carlson, J.C., Buhr, M.M., Riley, J.C.M. (1984), *Endo.* 114:521-526.
- **29. Riley, J.C.M., Carlson, J.C. (1985), *Biol. Reprod.* 32:77-82.
- **42. Riley, J.C.M., Carlson, J.C. (1987), *Endo.* 121:776-781.
43. Dorfinger, L.J., Albert, P.J., Williams, A.T., Behrman, H.R. (1984), *Endo.* 114:1208-1215.
46. Hichens, . M., Grinwich, D.L, Behrman, H.R. (1274), *Prostaglandins* 7:449-458.
- **47. Riley, J.C.M., Carlson, J.C. (1988), *Can. J. Physiol. Pharmacol.* 66:76-79.

Note - the cooperative agreement pattern of Carlson, Thompson and Behrman.

* * They refute their own earlier work.

* S.E. Cziraki was in the lab when Greenhalgh was, and when he first lowered the calcium levels and used them with the new plasma membrane technique but no mention is made in this paper (nor at the conference - see OHRC letter).

Theft and plagiarism (re. McMillan Binch letter). Mr. Besant clearly informed the University of Waterloo that Dr. Carlson intended to repeat portions of the Greenhalgh work with other students without attributing credit. Here are some highlights.

p. 2996 "In addition, the products of de-esterification, namely lysophospholipids and free fatty acid; such as arachidonic acid, may work directly to perturb the plasma membranes of luteal cells so demonstrated in an earlier study (42)."

a. (42) is not a pure plasma membrane technique as pointed out in the thesis pgs. 152-155, 160, 186, but contaminated with many cellular membranes.

b. "may work directly" now read pg. 147:

"PGs are produced via the cleavage of arachidonic acid from the SN-2 position of phospholipids by PA2 (144, 172, 198). However, while PA2's action is as described there are other enzymes, specifically LATs (lysophosphatide acyl transferase) (162, 172) and ACATs (acyl co-enzyme A: cholesterol 0-acyl transferase) (21, 146, 161) that re-incorporate fatty acids at this position again: since the lysophosphatides formed by PA2 action are very harmful to cells and must not be allowed to build up (162 172). ACATs utilize long chain fatty acyl co-enzyme A and cholesterol to catalyze the formation of cholesterol esters (such as arachidonate in the CHO and rat ovary (146) and regulates cholesterol homeostasis in cells (146, 198). In a study on macrophages (162) it was shown that PG biosynthesis is not controlled so much by PA2, but more so by LATs which regulate the substrate availability for the PG biosynthetic pathways. This has been considered to be the pattern in other tissues and a general mechanism proposed where re-esterification is probably the rate-limiting factor in fatty acid liberation (172)."

And pgs. 174-5:

"The action lies in the action of PA2. PA2 cleaves fatty acids (FA) at the SN-2 position of PLs (and triglycerides) being specific in its action (23, 24, 27, 82, 85, 86, 104, 144) and often this position is occupied by arachidonic acid (172). Misiorowki Ct al. (84) demonstrated that PC was the substrate for PA2. Wang et al. (23), using 1mM Ca^{2+} and human platelet PMs, found the existence of three hydrolytic phases, suggesting that PA2 sequentially hydrolyzed its substrates in the membrane outer leaflet, in the inner leaflet and then in the cytosol, . . ., functions best on its substrate PL when the substrate is in an aggregated form such as a micelle or membrane (82): applicable to this thesis."

Returning to Sawada and Carlson, pg. 2996:

"During induction of regression, PGF2a treatment causes a substantial decrease in binding capacity in samples prepared from rat ovaries (46, 47) [*EG; 46 = Behrman 1974 47 = Riley 1988] without a corresponding decrease in Na + /K+ ATPase or 5'nucleotidase activity, as observed previously (47). Also, we observed no change in Na+/K+ ATPase activity in the present study."

But they were told this as early as 1985. Examine the suppressed thesis, pgs. 152-154; 158-160; 186, 213 - excerpts are provided for highlights.

P.157 "As a note for later discussion, the Na+ /K+ ATPase enzyme marker enrichment for Saline-Control vs. P24-Regressed was very similar 11.7 ± 3.3 : 10.0 ± 5.1 . Kimelberg (195) states that given the phospholipid requirements of Na+/K+ ATPase, plus its functional importance, makes this enzyme an excellent choice for the direct comparisons of alterations in phospholipid fluidity and effects on the enzyme's activity and/or kinetics. Then the enrichments of these two membrane preparations calculated via their specific activities, being so SIMILAR, may suggest SIMILAR FLUID MEMBRANE STATES."

THESE FINDINGS WERE ALSO PRESENTED AT THE 1986 PUBLIC COLLOQUIUM. Dr. Carlson (and Thompson and Riley and Sawada) was quite aware.

Next point: "as observed previously (47)" - Riley and Carlson 1988: Impairment of . . . Can. J. Physiol. Pharmacol. v.66. In this paper they refer to the plasma membrane preparation as described in Carlson et al., 1984, which is: Carlson, J.C., Buhr, M.M., and Riley, J.C.M., 1984: Alterations in the cellular membranes of regressing rat corpora lutea. Endo.114: 521-526.

First point: a totally different membrane preparation from that used in the Sawada and Carlson 1991 paper. The authors are allowing you to think that they are the same. They ARE NOT! Refer to suppressed thesis p. 152:

"The membrane suspension experiments in this thesis were based on the technique of Riley and Carlson (48) with the modification of using a modified membrane preparation (76) of Brunette and Till (53)."

For clarity, an interjection from Endo. 114s Membrane preparation -

"The preparation of MICROSOMES has been described previously (3). The preparation of PARTIALLY purified plasma membrane fractions is based on the procedure of Mints et al. (6)."

(3) Buhr, M.M., Carlson, J.C., Thompson, J.E. (1979). A new perspective on the mechanism of corpus luteum regression. Endo. 105:1330.

(6) Mints, Y., Amir, Y., Amsterdam, A., Lindner, H.R., Salomon, Y. (1978). Properties of LH-sensitive adenylate cyclase in purified plasma membranes from rat ovary. Mol. Cell Endo. 11265.

Now picking up from the Greenhalgh thesis, p. 152:

"On the other hand, the process proposed by Mints et al. (93) does not guarantee that all possible PM components will be present since they describe their preparation by electron microscopy as fragments of membranes with noted impurities (i.e., rough ER). Further, they define the purity of the P.M. fraction using S'-nucleotidase as a PM marker . . .," p. 153 "the first oversight, . . ., 5'-nucleotidase is not exclusively a P.M. marker, but also an ER marker (257) and a Golgi apparatus (GA) marker (41, 98) . . ., While Mints et al. (93) . . . can not be held responsible for 1982, they may be for the work of Farquhar et al. in 1984 (98) and Widnell in 1972 (257) . . ., This is a serious oversight that should be used to express concern on the validity and thoroughness of this technique" . . . p. 187 . . . "it is reasonable to assume that their PM suspension (48) may not give the most representative lipid composition found in the P.M."

MAIN POINT: The University of Waterloo suppressed work criticizing flaws in (the theoretical technique central to their research funding. A flaw that Sawada and Carlson (1991) admit can not be repeated (as Greenhalgh had clearly pointed out!).

But PLEASE NOTE A MAJOR THEORETICAL CONFLICT TO THEIR OWN CENTRAL DOGMA; SAWADA AND CARLSON, 1991, p. 2996:

"The resulting perturbation, as evidenced by the concurrent change in fluidity, may be responsible for the loss in progesterone secretion. Another site that may be considered is the ENDOPLASMIC RETICULUM. Membranes from the organelle, which participate in steroidogenesis were also present in the sample preparation."

This goes completely against their theorem of the importance of the PM and receptor hindrance. In short, they have stated that THEIR STUDIES OVER THE PAST DECADE WERE MEANINGLESS!

Note that Sawada and Carlson reference (14) Carlson, Riley and Buhr (Endo. 114) states in conclusion: "suggest that membrane breakdown may be involved in the process of luteal regression."

Question: Which membranes are they referring to? In the 1991 Sawada-Carlson paper the titles of their references #2, 10, 29, 42 and 47 all state PLASMA MEMBRANES. The suppressed Greenhalgh thesis criticized this. Now were they studying plasma membranes or NOT? And if not, why were their papers titled Plasma membranes? This is clearly misrepresentation, especially when receptor hindrance at the PM is a central and important theory to their work (shared with Behrman? How were Behrman's NIH grant requests worded?)

Then note Sawada and Carlson, p. 2996:

"alterations associated with the plasma membrane sample, which required 2-4 h to prepare, were minimized by maintaining samples at 4C in an enriched nitrogen atmosphere."

Now turn to p. 160 of the suppressed thesis:

"There is one other major deviation from accepted practise in the technique employed by Riley and Carlson (4.8), and therefore also incorporated into the experimental design of this thesis, and that is the preparation and study of a lipid suspension under normal atmosphere, . . . The accepted practise is to, at least prepare, and work with lipids under an inert atmosphere and possibly incorporate an anti-oxidant (124, 125, 126) and/or EDTA (208), . . ., since unsaturated lipids are extremely labile and undergo oxidation/peroxidation damage readily (42, 152, 153, 208),...many authors used in some stage of preparation a nitrogen atmosphere... Oxidation damage was found to be critical in the explanation of the results seen and will be pivotal to further discussion."

Have Sawada and Carlson ever referenced Greenhalgh in their publications since 1988? Now consider their work on p. 1996:

"Oxyradicals, such as SOR, are toxic to cells. These agents, which frequently appear in fluxes, induce molecular breakdown, disruption of cell function and death (37)."

Note:"toxic to cells" and "death". Besides the previous thesis quote, consider thesis, p.140: "such action would denote these as dying cells

Along side Dr. Carlson has written: "Do you have evidence that they are dying? Besides low prog? Simply these are failing to respond as cells obtained by other means (e.g. CO₂)."

Further on in the thesis,

p. 144 "... then these cells (dying) were unable to benefit from it."

p. 151 "Indeed, the cells could be said to be degenerating or dying ."

p. 196 "They state that lipid peroxidation has been implicated in free radical reactions and membrane alterations associated with aging cells and tissues..."

p. 210 "... this emphasized that the CL is a structure in demise, part of which is cell death. More importantly, many steroidogenic lesions occur well beyond the PM . ."

p. 212 "It is of great interest then, if these are dying cells (regressing cells) as to what is happening. ."

This should suffice to demonstrate that no accreditation was made to the Greenhalgh work.

Demonstration of Cooperative Agreements + NIH Jurisdiction
(Referenced and Relevant Publications)

A. Milvae, R.A., H.W. Alila and W. Hansel (1983). Methylation in bovine luteal cells as a regulator of luteinizing action. Biol. of Reprod. 29:849-855 .

Research supported in part by NIH grant HI) 06718-11. Part of their conclusion, p. 855, included the theory, "... which, in turn increases membrane fluidity and results in an unmasking of membrane receptors, which increase LH binding or 2) an increase in membrane fluidity which in turn may increase the probability of the LH-receptor complex interacting with specific adenylate cyclase."

Paraphrasing = increased plasma membrane fluidity means increased receptor-membrane enzyme interactions means increased steroidogenesis.

B. Goodsaid-Zalduondo, F., D.A. Rintoul, J.C. Carlson and W. Hansel (1982). Luteolysis. induced changes in phase composition and fluidity of bovine luteal cell membranes. Endo. v.79:43324336.

Relevant NIH grants - (5F32-GM06641) (GM1661), (GM16292; BC1980) (NICHD432-8410) .

From the abstract: "... to characterize the phase composition and liquid phase fluidity of bovine luteal cell membranes, ..., further suggest the plasma membrane may be the main source of this gel phase."

Paraphrasing = they are examining what they believe is important - the MEMBRANE FLUIDITY OF PLASMA MEMBRANES.

- C. Luborsky, J.L, W.T. Salter and H.R. Behrman (1984). Luteinizing hormone (LH) receptor aggregation: modification of ferritin-LH binding and aggregation by prostaglandin F~ and ferritin-LH. Endo. v.115:2217-2226. NIH grants: HD-10718 and HD-14098.

Theory in summary, p. 2224: "This is consistent with a previous report that PGF2a-induced luteolysis is correlated with changes in luteal membrane lipid composition and a reduction of membrane fluidity (37)..." [e.g. (37) is pt. B. above].

From the abstract, p. 2217: "Furthermore, microaggregates are related in part to receptor occupancy and possibly also to levels of cAMP or activation of the adenylate cyclase mechanism

And from the Introduction: "This suggests that PGF2a may effect local membrane properties I

The main point of the above (and directly relevant to the events of the time period) is to illustrate cooperative agreements and NIH funding tied to a shared theorem and group (Carlson, Thompson, Behrman and Hansel). Research funding and reputations were tied to this belief. Is it wrong to believe in theory? Of course not, but it is wrong to suppress academic and scientifically repeatable work that constitutes "contravening views" from "traditional remedies" such as open discussion at conferences, and further work in other labs. The public is not safe if data is falsified or suppressed - remember Dr. Poisson!

Was everyone working with membrane fluidity involved in a conspiracy? Of course not. Only those who took part in the suppression. And how do you prove that? Through J.C.M. Riley and those who associated themselves with his work. Could they have been innocent associations? Perhaps, but that is what an investigation must determine. (Perhaps Dr. Behrman would wish to support Greenhalgh now that materials are being openly aired.) Remember, flaws were pointed out to the University of Waterloo and the three referees for the plagiarism case. Who was Riley's post-doctorate supervisor?

First note the 1986 public colloquium wherein Greenhalgh, Riley and Sawada presented their work. Note the page with Dr. Carlson's comments concerning the colloquium abstract. What you see is that Greenhalgh had finished by 1986 and the work is the same as that in the suppressed thesis and later published papers. You can see also what could be considered as being Riley and Sawada's work (intellectual property) relevant to the, period (N.B. no S.E. Czirald as her work hadn't even begun yet). You can also see the reviewers' photocopied comments. Note - "the frustration caused by the sick animals". Which brings us to NIH point F: PHS animal welfare policies, and pt. H., possible misconduct was isolated or repeated, and pt. I, nature of misconduct - deliberate.

You are receiving my photocopied lab book - records of animal schedules, etc. Please read the suppressed thesis, pgs. 59, 92-101, 149,

especially 206, 207, and 208 considering the illness in the colony and precautions taken. On p. 208 Dr. Carlson quite sarcastically writes, "What is your conclusion?" My original conclusions were to leave U of W and work elsewhere. Reviewing the lab notes you will see that I was "hiding" the specimens and mislabeling the dates using a simple code for proper identification. I knew which specimens would be required when, but to the uninformed the dates gave a false schedule. Uninformed observers make false assumptions about, the pseudopregnancy regimen (a time table critical to the model). To achieve the "sickness" in my animals all one would have to do is inject PFG2a to induce regression, plus kill a few to reduce group size ("inconsistent" groups). Unfortunately for the perpetrators, there actually is considerable accuracy in the polarization technique. In fact, this accuracy is the one positive aspect to the model that may have a further theoretical value.

What do I conclude, Dr. Carlson? Let me explain. (which may prove important to cancer research - see later theory). The polarization sensitivity to calcium monitors the over of lipid composition as regression progresses. From the polarization responses I knew the regression state (corresponded exactly to the blood plasma progesterone data). Hence, I knew immediately when the Control animals had been tampered with: therefore, the false-labeling strategy. To get control results, the lab was told that regression was being concentrated on, and vice au versa. Eventually I acquired the necessary data, but needed to run an "experiment" to confirm the tampering theory. As I seemed cheerful, Dr. Carlson asked me how everything was going. Great was my reply, all that is needed are a few Control groups to confirm my results and the work is completely finished. Thereafter the sickness returned, in fact all my animals responded as regressed specimens. What do you, reader, conclude? And, yes, in my 1988 meeting with Dean Gardner, this very issue was brought up (NIH pts. A, C, D, E, and G).

In "Mr. Greenhalgh's Response" there is a provision of referee review; especially if they served as post-doctorate supervisors. Dr. Behrman has a long history of association with Drs. Carlson and Thompson. Mr. Haney responded concerning the plagiarism list of referees (Behrman, Strauss & Stormak) that he wasn't involved in its selection but merely passing it on as he had been instructed. Who was Riley's post-doctorate supervisor? See the 1987 letter to Dean Brodie wherein Carlson was too busy for Greenhalgh's thesis defense - I was told that he was taking Riley to Yale - is this true? If Behrman was, isn't his inclusion unethical conduct? Also examine the Biochemia Biophysica Acta (BBA) correspondence. The BBA referee says that the DATA is too sparse, and speculative. Twenty pages of data (exclusive of Intro, M&M, and discussion; if anything excessive). Indeed, to be published in Endocrinology (U.K.) the paper had to be considerably shortened. Who was this referee? If this person was a member of the "cooperative agreement" circle, then it is in the jurisdiction of an NIH/FDA investigator to ask and receive an answer. We are investigating misconduct to protect continued NIH funding, and the Greenhalgh work could be viewed as threatening. Reasonable grounds for NIH investigation has been established.

Before continuing, note: I did not start nor continue the fight (nor consider the I work of Behrman, Strauss or Hansel, etc. to be anything other than reported material open to constructive criticism), but tried to walk away. Whoever followed my efforts to continue in research was not acting ethically, nor with the public's best interest in mind. What is more important is why is the Greenhalgh work of any value to the public and should receive help?

* * * * *

Research Goals

Noted earlier (10 June 94), RU 486's potential actions on the ovaries were outlined in the context of the Cell Death Signal Theory (CDST). CDST arose from the original work, particularly the final comment about gene expression. In the intervening years while struggling to survive I have kept my scientific abilities sharp by expanding CDST to be included in the Viroid-Thermodynamic Theory on the Origin of Life (V.T.T.). V.T.T. has overlap to the mechanisms of cancer and AIDS (letters previously provided talked about breast cancer - now do you start to understand?). I have said that Riley and Carlson (and U of W) were too wrapped up protecting flaws to appreciate the "good" their work could do. Good? Yes, you just have to be able to comprehend what you are actually observing and then be fair and open to constructive criticism (plus have a biology and chemistry background). You have noted that Dr. Nicolson said my work was unbiased.

Luteal cells are special because:

- a. they are secretory cells
- b. they have a definite life span
- c. they respond to receptor stimulation through their genome
- d. they are dying cells (once sequence initiated).

Point c. seems to represent the conflict with the "cooperative circle". I have never said that their results did not occur, but rather they were secondary. This last comment is the link to cancer and AIDS. The letter is quite long, and only the most simplified explanation will be given. As dying cells my thesis demonstrated that the membrane changes in fluidity were representative of lipid ratios to calcium ion interaction. The dying membrane was changing composition.

Dr. Nicolson (referenced in thesis) notes that tumour cells' membrane compositions alters (as do cells infected with AIDS) - which has a number of ramifications; one associated with immunity and identity. Dying luteal cells' plasma membranes (P.M.) alter then disrupt (lysis). Cancer cells are immortal - "a type of arrested lysis" or "lysogeny" (note theory V.T.T.). The link is a sequence of genetic coding: tumour cells do not respond to the CDST

completely. So how is this proposed sequence started and then blocked or lost (ionizing radiation or chemical agent acting upon an oncogene: a genetic sequence)? If you examine the work of Rigas and Wong (pap test for cervical cancer) closely, comparing their spectrophotometric technique to the spectrophotometric concept in the suppressed thesis, you will find that their responses are of the same concept: cancerous cells have altered their lipid composition from that of normal healthy cells, hence, a distinct light difference results. Essentially what Dr. Nicolson's work would predict.

Breast cells are a different type of secretory cell, but other cells, i.e. skin also develop cancer. Mammalian cells have all the gene sequences (but if you have a primary model answers come quicker). What exactly are oncogenes? Which returns to V.T.T. which is an extension of Dr. Frankel-Conrat's theory combined with Dr. M. Eigen's Hypercycle theory (primitive tRNAs). What are viroids but short genetic sequences. V.T.T. is based on evolutionary conservation, and before there were cells with membranes, there were short "gene" sequences and metal ions (which evolution led to protenoids). Eventually "protocytes" (first crude cells). Cells are very sophisticated protocytes (V.T.T. deals with energy transfer and efficiency) containing conserved sequences that respond to protein controllers. As protocytes developed so did endocrinology and the first messengers: steroids and protenoids - whose modern vestigial component may be the Defective Interfering Particles. V.T.T. works on the "concept" of conserved viral sequences. And remission may be caused by "controlling proteins" (i.e., as in the lambda phage) responding to other conserved sequences (to promote or prevent lysis, etc.). Harvard has recently reported a protein that causes remission in breast cancer. If V.T.T. is correct, a consequence would be the proof of these remission proteins with many possibilities from controlled remission to operations without the fear of metastasis. Again very simplified, but the V.T.T. outline is over 100 pages, not finished, and I have been blacklisted (so the work can't proceed without help). There is much more detail, even a fascinating explanation about dinosaurs, AIDS and cancer (the latter being more controllers of evolution than diseases). Do you really want to evolve too much?). But think about it: if you knew the sequence to re-activate and the type of messenger to be sent (not wide spectrum chemo), you could selectively kill tumours the same way that the body re-absorbs unnecessary tissue. Isn't it an interesting theory?

* * * * *

Well, esteemed reader, I need help. The work is too important to let die because of blacklisting and Canadian politics. Dr. Slotin (MRC) said he'd act if an authoritative body would tell him what to do. Similarly, the Ontario Human Rights Commission would like input. The NIH and FDA are important bodies. What is the answer? Does J.C.M. Riley represent the scientific standard of America also?

Let's put everything in perspective with simple children's arithmetic.

What is: 30+30 =
 30+40 = ?
 30+50 =

Answer. Mendel's principles of genetics were "lost" for 30 years. You will notice that the right column of numbers gives estimates of the ages of the then ruling scientists before they retired or died. As then, today many younger researchers are being held back waiting for people, who can't compete anymore, to retire. I didn't say good people; good people help by sharing. The last time America told creative people not to compete, the Japanese took over the auto industry: what else do you want to give away?

In closing, my work has been described as unbiased and honest. I merely I reported my data. Our society is said to be an "information" based society now. Information will be a big key to our competition and growth (the Information Highway is getting a lot of press lately). Not once (and I asked) was I invited to a conference, etc. My work, with contravening views existed, but no one wanted to hear it. This letter has revolved around integrity and public safety. What good is the Information Highway if it is not truthful, nor useful? Computer specialists have a saying; GIGO: garbage in, garbage out. Genetics, an information code, has ethics - sequences are read and corrected to maintain the integrity and health of the organism. How is our society safeguarded? Thank you for reading this. I look forward to your replies.

Yours truly,

Edward A. Greenhalgh

From : Edward A. Greenhalgh
265-7 Regina St. N.,
Waterloo, Ontario.
N2J 3B9

To:
Dr. Lewis Slotin
and the
Medical Research Council of Canada

17 March 1988

re : A Granting Proposal

Dear Dr. Slotin,

This is a direct and open letter to MRC concerning research integrity and. funding. Yes, this letter does bypass your normal channels, but because of unfortunate circumstances (manufactured or otherwise) these are not available to me — forcing my actions.

I have been informed by my legal representative, Mr. C. W. Besant of the firm Campbell, Godfrey, and Lewtas, that you do not feel that MRC should hold my former supervisor's (Dr. J.C. Carlson of the University of Waterloo, U of W) work to judgement - even though it may be wrong, and other work (of direct concern to science) proving it inadequate not allowed full public review. The matter must be pointed out that MRC has supported work carried out by an individual (J. C. M. Riley) who only held a general BSc. in physics and whose Ph.D. Thesis is refuted by my original MSc. thesis. You do not wish to compare the two - do your medical research funding referees have general BSc.s in physics? This is a legitimate question because you may not honestly have the ability to perceive the work as flawed.

You may not wish to judge his work but through my own efforts I have had my own theories tested. The material upon which I wish to pursue a Ph.D. have been reviewed, without bias, by Dr. Pace-Asciak of Toronto's Sick Kids. You should note (see photocopy of the letter) that he considers it may have clinical applications. I do not know (see date) if his offer is still available since I have suffered a terrible delay. Further, review the letter of Prof. G. P. Vinson of the Journal of Endocrinology (England). The work you do not want to judge has already been reviewed as a paper (but it was actually an abridged version of the thesis that U of W would not accept). Please note that professionals away from U of W consider my thesis to be of interest — enough so that it may be published if rewritten, which I am actively doing.

You generally fund on the merit of the project and the ability to publish. I have demonstrated merit, but consider the following: as an undergrad at Laurier I produced - without your help or any other funding - a single author publication (Toxicology (1986) 42, 317 — 330), which has received considerable world attention, along with being requested by the American and Canadian governments, plus the American manufacturer, of chioradane, Vesicol. In this paper I was able to show results to questions that had only been hypothesized before, never conclusively proven.

I have now produced a body of work that seems to be being suppressed since it challenges some established workers. In short, I agree with people like Helmreich and Elson, and Nicolson in criticizing bulk membrane fluidity, but more importantly I prove (if allowed a public audience) that bulk membrane fluidity does not have a significant role in signal transmission and indeed, that the whole concept may be questionable. This point is of a critical medical importance since a great deal of cancer research is based on membrane fluidity concepts. If it is bogus, wouldn't honest workers want to be so informed in the struggle to save lives? If not, then shouldn't the taxpayer, who trusts you to safeguard his/her life, hear this? I believe it is important, so much so, that if you are a scientific body committed to funding legitimate medical research, that I am compelled to ask you directly for funding.

I am presenting you with two possibilities:

1. Out and out funding for a Ph.D. at the centre of my choice;
2. A test, a summer research grant to prove my point, and if I succeed, then point 1 to be granted.

First, let us discuss point 2. My contention is that my MSc. thesis casts very serious doubt on the Ph.D. thesis of J. C. M. Riley and that Dr. Carlson's work in the past has been based on erroneous assumptions. You do not wish to sit in judgement?

A. Dr. Carlson in *Endocrinology* v. 108.NO. 6 (1981) p. 2124 states in the abstract: "... microsomal membranes prepared from rat corpora lutea revealed no significant change in cholesterol to phospholipid ratio ..." Yet on p. 2126 he states: "our results failed to reveal any significant change in microsomal content of free cholesterol relative to phospholipid during regression. It is important to note, however, that we are measuring total cholesterol content in a preparation which includes fragments from more than one membrane system in the cell."

Still in *Proc. Natl. Acad. Sci. U.S.A.* V. 79, (1982) p. 4332 - 4336, using bovine luteal cells and a different lipid extraction they (Goodsaid—Zalduondo, Rintoul, Carlson & Hansel) found: Abstract "Analysis of the overall lipid composition of these cells indicates a role for sphingomyelln, in the presence of cholesterol, for the generation of a gel phase at physiological temperature." And on page 4335, "This is probably due to the larger cholesterol mole fraction (Table 2) found in lipids from regressing luteal tissue."

My point is that the responses of Carlson & Riley, whose work you've funded, on the regressing rat luteal cell was due to increasing cholesterol content (plus other artifacts). Riley & Carlson (*Biol. Reprod.* v.32, 77 - 82 (1985)) on pg. 78 using their membrane preparation state, "a partially purified preparation of plasma membrane. The enrichment for the plasma membrane marker (5'—nucleotidase) was approximately 10, although some endoplasmic reticulum was present since, its marker (rotenone—insensitive NADH cytochrome c reductase) indicated an enrichment of about 5."

Wherein my MSc. Thesis (see photocopy pages) I point out that their preparation is impure (especially since 5' —nucleotidase is not an exclusive PM marker, but an ER and golgi apparatus marker as well), while my membrane preparation is of high PM content (approx. 13 x overall) and very low other membrane components (.26 - .90 x). Nevertheless, I was forced to remove the criticism from the newer version and state that, "the measured marker enzymes suggest the current PM preparation was of a little higher purity." The arguments concerning cholesterol have been removed. The arguments concerning the calcium artifacts have been removed. None of these were questioned at the 16th June 87 thesis defence.

Therefore, the proposal: if Carlson and Riley are correct then there shouldn't be a change in the cholesterol content of the regressing rat luteal cell PM; if I am, then there is. You can provide a summer research grant so that I may use the FM technique from my MSc. thesis and the cholesterol techniques of Goodsaid - Zalduondo et al. to investigate the phenomenon. This is a scientific proposal to elucidate a problem which is important to endocrinology and cancer research. As scientists you should be interested.

I wish to provide references to support this project, each of whom I have spoken to at Wilfrid Laurier University (1-519— 884-1970):

- a. Dr. Ed Kott, Chairman of Biology at WLU(ext. 2313 or 2850),
- b. Dr. Ray Heller, Prof. of Organic Chemistry at WLU(ext.2284). The proposed work is to be carried out at Laurier using specimens from the Pysch. Dept. colony. Any equipment that I may require would remain, at WLU for the university's benefit. The above Individuals are also my Ph.D. references.

Given that I succeed in the research project I fully anticipate Ph.D. funding. Please note Dr. Pace—Asciak (pers. conversation) emphasized such funding must be substantial wherein 12 thousand dollars would not realistically allow my personal survival. First class research requires first class funding.

Since I do expect substantial funding I shall outline the work and its importance. The research centres on prostaglandins, adenylate cyclase, luteal regression (a model of cell death and inflammation - similar to inflammatory arthritis, and so the development of useful drugs to treat the condition), the explanation of a positive/negative signal through adenylate cyclase (as proposed by Birnbaumer and Hunzicker-Dunn and shown by Smith and Garcia-Perez in the renal collecting tubule, plus others) with PGF_2a as the signal for cell death (in the luteal cell). Think about it: the actual signal which tells the cell to die. I have an extensive body of references for this, much too long to include here. However, the mechanism involves free radical damage and the control of the cyclooxygenase enzyme.

I had preliminary data supporting my theorem, but because of some unexplained conflict at U of W I was forced to stop the work and entirely remove it from the thesis. Dr. Pace-Asciak was shown the preliminary data and made the comments as in his letter. There had been a major unexplained difficulty at U of W and their animal colony; please see the enclosed photocopy pages from the original thesis. Please note that I publicly at my required seminar— a colloquium, circa May 1986 in front of faculty brought this up to the entire university population but no explanation was made. The data at this time for the proposed free-radical mechanism/dual pathway was weak, but given my pathetic situation I was forced to go with it and hope for the best.

Unfortunately, It was too weak, but you should note the comment made by the Journal of Biological Chemistry — the work is of interest. I, too, acknowledge problems, but such were outside ‘ of my control. I am firmly convinced that these problems would not be encountered at another institution. This puts us back to the summer research grant proposals.

Along with the proposed dual pathway, PGs, and endocrinology, I would like to point out that Anna D. Inglot in Physiology and Pathology of Interferon System (Karger,Basel) Contributions to Oncology vol. 20 pg. 72 — 85: Interferons in the light of the new theory of hormones (1984), notes: “However, the correctly asked questions may help to suggest the proper answers. For example, a number of phosphorylation reactions mediated by the classic hormone—receptor complexes have been described. Some of them are cyclic AMP dependent whereas others are cyclic AMP independent(17). Because the phosphorylation reactions were also found to play an important role in the IFN action (41,44) it would be interesting to find out how much the reactions are reminiscent of the reactions induced by the classic protein hormones. And conversely, the process characteristic for IFN action may be shared by some but not all the classic hormones.” I have evidence from the free—radical — malondialdehyde work that may link hormone—adenylate cyclase through the cyclic nucleotides much more closely, and to IFN, the immune system. We shall never know if I am not funded.

As I see it, and wish to prove, the health of an individual may be related to a balance/homeostasis of the PGs and free radicals in the individual cells dependent on the organ in question. I am now making a direct link between the endocrinesystem and the immune system and possibly the nervous system since the pituitary and thalamus shall be involved. I can not prove anything if I am not allowed/aided in this research. I am asking you for this aid — funding. I have, asked you to compare my two Msc. Theses, or my original Msc. thesis to J. C. M. Riley’s Ph.D. thesis, or failing this, a contest in the form of a summer research grant and/or direct Ph.D. funding. It is up to you to decide.

It is not a decision based on nothing. I have given you concrete responses from outside professionals, and shown short comings that had to be dealt with. For several years you have funded a Ph.D. who did not have any biology or chemistry background and whose central thesis point seems based on artifacts as so described in my original Msc. thesis. You do not wish to stand in judgement, or so you have informed my lawyer. Perhaps that is a luxury you can afford; however, I have been blocked/ barred from the conventional channels, so much so that my career is threatened. I am, with my granting proposals, offering you the luxury of not negatively judging one individual, but rather

deciding positively if another individual can prove one part of his theorem (or if he already has). If such proof would be shown, then logically the rest of his theorem would be worthy of support.

I am sorry but you must choose one of the above. I firmly believe that important scientific knowledge having important repercussions to the field of medical science has been suppressed. If you do not wish to take a stand, then perhaps the people who are most important, the public, should be made aware of your actions.

Sincerely,

Edward Greenhalgh.

14 April 1988
1400-1

Mr. Christopher W. Besant
Campbell, Godfrey & Lewtas
Barristers & Solicitors
P.O. Box 36
Suite 3600
Toronto-Dominion Centre
Toronto, Ontario M5K 1C5

Dear Mr. Besant:

As I explained to you in our recent conversation the difficulties encountered between Mr. Greenhalgh and the University of Waterloo should be resolved between the two.

The Medical Research Council does not provide research grants to applicants who do not have the assurance of facilities and the ethical conduct of research by an accredited institution. In our case this is a university, hospital or affiliated research institution. Thus, a research grant to Mr. Greenhalgh is out of the question.

However, the possibility of an award to pursue PhD training at a Canadian institution is very real. Mr. Greenhalgh would submit an application for an MRC Studentship (MRC 21 enclosed) at the next competition (December 1, 1988). If judged worthy he could receive support. Dr. Pace-Asciak said the same thing to Mr. Greenhalgh on May 26, 1986. With Dr. Pace-Asciak as supervisor, for example, is the only route the MRC could consider supporting his research training.

Finally, the letters to Mr. Greenhalgh from the Editors of the Journals of Endocrinology and Biological Chemistry are hardly encouraging when compared to Mr. Greenhalgh's assertion that his work may be publishable "if rewritten". My interpretation would be that his work is not yet acceptable by scientific peers.

I regret that I can be of no further assistance in this regard.

Yours sincerely,

Lewis A. Slotin, Ph.D
Director
Programs Branch

c.c.Mr. E.A. Greenhalgh
Encl.
LAS/mh

Medical Research
Council of Canada
Ottawa, Canada
K1A0W9

Conseil de recherches
médicales du Canada

10 March 1989
1540-1

Dr. Edward A. Greenhalgh
265- 7 Regina Street N.
Waterloo, Ontario
N23 3B9

Dear Dr. Greenhalgh:

As I mentioned to you in our February telephone conversation, the MRC awarded Dr. Carlson a grant for research. We ask, as a courtesy, that the grantee acknowledge the support of MRC. Since you were not the grantee we have no requirements or demands on anything which you might publish as a result of Dr. Carlson's funding. In short, it is up to you.

With regard to future interaction with this Council, there is no reason to treat you any differently than any other applicant, potential or otherwise. I enclose a copy of our current Grants and Awards Guide to familiarize yourself with the programs of support offered by the Council.

Yours sincerely,

Lewis A. Slotin, Ph.D.
Director
Programs Branch

LAS/MH
Encl.

Canada

Edward A. Greenhalgh
265-Apt 7, Regina St. N.,
Waterloo, Ontario
N2J 3B9
(519)-884-3318

Francis Rolleston
Director
18 March 1996
Innovation Teams
Medical Research Council of Canada
Ottawa, Ontario.
K1A 0W9

ref. : 902-2

Dear Francis Rolleston:

First, I must state the absolute amazement felt upon receipt of your letter dated Mar./6/96 (post-marked the 12th) as I have received absolutely nothing from you previously. As to your contention of having replied to my 16th Jan. 96 letter on the 25th, I possess no such physical evidence that said letter ever existed. One could be cynical and imply that your 6 Mar. 96 reference served only to make NRC look good. As I have dealt (in writing: courier, registered, and through a lawyer's letters) with NRC before on this matter my incredulity has a very solid basis.

Before I can even consider to release any permission, you (MRC) must answer some very serious questions, and allegations; or be seen to be engaged in an ongoing cover-up. Your letter appears to be above board and. Very proper, but why didn't Dr. Slotin, or Dr. Friesen respond just as properly circa 1987-88, and later dates IF one is to assume that NRC is honest and committed to integrity and responsibility? Do you still have my letters on file? The folder should be quite thick. Why did NRC not act properly then? Please explain fully.

Please note: in the mechanisms to settle disputes that the University of Waterloo agreed in writing to accept expert testimony from ONE competent authority. Dr.G.L. Nicolson wrote that the Greenhalgh thesis was (1) of Ph.D. quality, (2) it was unbiased, and (3) he had been poorly supervised.

J. C. M. Riley was arranged to do a post-doctorate at Yale with Dr. H. R. Behrman. UW then offered H. R. Behrman's name as an INDEPENDENT referee to settle the dispute.

From the above, can any of UW's actions be deemed ethical and of the highest standards? Yes or no? Please answer the question. Was not the Administrations' actions a mockery of MRC's principles and guidelines? Yes or no?

Can you review all the correspondence that Greenhalgh has sent MRC? Has MRC EVER undertaken an investigation of UW's actions?

I recall a telephone conversation with Dr. Slotin circa 1987 wherein (I allege) he said, "Oh yes, we were told about you!" Privacy? Reveal my identity to the institution? Please forgive me, but I find it very difficult to believe in your sincerity. I have doubts about the integrity and sincerity of MRC itself. Society, too, has come to be concerned about the "Old Boys Network" in science and government (allowing harm to befall the public). Why did Dr. Slotin or Dr. Friesen NOT send me that pretty little booklet (Integrity in Research & Scholarship) circa 1988?1990? or any other dates that I have made allegations of misconduct against Drs. J. C. Carlson & J.C.M Riley AND the INSTITUTION of the University of Waterloo? I must allege that MRC was derelict in its duties and responsibilities (and to the people of Canada). Why are you supplying it now, and not when it was immediately relevant? One allegation that can be strongly suggested is that you were participating in a cover-up. Please answer the question : Why didn't MRC send me this booklet earlier? Please note that on page 3 it states "conduct and document appropriate inquires within an established time period." Dear God, where have you (MRC) been?

I must ask for an answer: Does MRC have a file with all my correspondence? Yes or no? If not, why not? Did Dr. Slotin or Dr. Friesen have the files destroyed?

Regardless, please review my earlier letter (circa I 1987, enclosed) to Dr. Slotin c/o myself and Mr. Chris Besant outlining problems of misconduct alleged against Dr. J. C. Carlson and the University of Waterloo. WHY DID MRC NOT ACT?

Please review the enclosed copy from Mr.R.A.Haney (solicitor for UW) wherein answering my request for a PUBLIC INQUIRY, his reply is that Greenhalgh can take whatever action to that end as he may please. Please realize I consider the situation to be so serious as to require a public enquiry into alleged misconduct not only by J.C.Carlson, J.C.M.Riley, and the University of Waterloo, but MRC as well! I allege that MRC has acted very poorly at best, and at worst, may have engaged in unethical misconduct to prevent proper investigations from proceeding.

If you seek to claim that MRC has not then :

Why did Drs. Slotin and Friesen FAIL to initiate the investigation that your 6 Mar.96 letter claim you want to, when they were first approached?

Why did MRC FAIL to immediately act-- your booklet (Integrity in Research ...) indicates to me that such should have happened.

MRC FAILED (completely, utterly) to respect and act upon its own guidelines. Why? Please answer the question.

Dear Francis Rolleston, you made NO reply dated the 25th Jan. 96. You did not acknowledge anything. Your supposed reply was never delivered to me, even though your letter dated 06 Mar. 96 was, and therefore, does not exist! Whether it was ever typed, mailed or whatever, it never reached me, and therefore is completely fictitious. Please let me make the implications perfectly clear, MRC is making a statement/claim whose purpose is doubtful at best, and at worst can be viewed as misleading. As such your good faith is open to question. I must allege from your past inaction that it is possible for MRC to say anything, but not have to prove same. You say that you have guidelines, but fail to enforce them. Now you come to me claiming honest intentions, yet cite imaginary documentation. I must be blunt, MRC's credibility is not very high based upon its own past track record. Therefore, I will not play any games with MRC wherein it appears that MRC is merely trying to look good while covering up past wrongs. Before I can give you any written permission, you must prove good faith and honest intent (otherwise, you are still part of the OLD BOYS CLUB engaged in a cover-up).

Please Acknowledge:

- (1) E. A. Greenhalgh has in the past written MRC with allegations of misconduct (and other concerns) on the part of J. C. Carlson, and the institution of the University of Waterloo (as early as circa 1987)
- (2) You have in your (MRC) possession these files and related material.

Only upon your written reply to the above (and the letter as a whole) can I give you any kind of permission; but this permission involves the investigation of the INSTITUTION, the University of Waterloo for misconduct as well (in regards to MRC guidelines), not just J.C.M. Riley. As I have included an example photocopy of previous (to/from) MRC correspondence, it will be difficult to deny the existence of earlier allegations. If you do not reply, your failure to do so will only serve to demonstrate the depth of misconduct that MRC, itself, is so deeply involved in.

If the above indicates that I do not respect MRC's claims of integrity and responsibility, then you are correct. As far as I can demonstrate from my dealings with you (MRC), you have failed society in a big way. You (MRC) claim to have regulations and guidelines, but when called upon to enforce them, you turned your back, and not only walked away, but I allege, helped to cover up misconduct. A strong allegation, but one I believe can be proven in a public enquiry.

As to your referring the allegation to the institution, THE ALLEGATION IS AGAINST THE INSTITUTION! Let me repeat part of the allegation: the administration of the University of Waterloo actively condoned misconduct (Re. violation of ethical guidelines and standards) for private and personal gain (Re. funding and position). If, as I allege, that the INSTITUTION of the University of Waterloo lied/gave false assurances to federal funding agencies,

HOW IN HEAVEN'S NAME CAN THEY INVESTIGATE THEMSELVES

Please, Francis Rolleston, answer the above question.

In short, MRC may be viewed as to trying to get "UW off the hook." I am sorry, but I allege full and conscious involvement by the Administration of the University of Waterloo; not just Drs. Carlson & Riley. I am sorry, in my allegations of a cover up by MRC, your letter (6 Mar. 96) appears to be so worded as to protect the institution of the University of Waterloo. Had, I allege, the University of Waterloo acted properly and ethically, then no wrongdoing would have occurred. Therefore, I allege, that the University of Waterloo, as an institution must bear the brunt because the institution gives signed assurances to meet high ethical standards and expectations; and deliberately gave false assurances (lied) to MRC (and the American government). THEN, HOW IN HEAVEN'S NAME CAN THE INSTITUTION INVESTIGATE ITSELF? THAT IS EXACTLY LIKE ASKING THE FOX TO INVESTIGATE THE RAIDS ON THE CHICKEN FARM. CAN YOU COMPREHEND THE CONCEPT?

Therefore, I am alleging misconduct by J.C.M. Riley and Dr. J. C. Carlson at the University of Waterloo, whose misconduct was condoned by the institution of the University, of Waterloo. And this was for the (and anticipated) receipt of federal funds: Both Canadian and American. Therefore, I must find your letter dated 6 Mar. 96 to be inadequate and inaccurate. I do demand a thorough investigation though, but I can not sign anything until I receive MRC's written response to this present letter and its very serious concerns. Please realize that this is a registered letter. Thank you.

Most Sincerely,

Edward A. Greenhalgh

Medical Research
Council of Canada
Ottawa, Canada
K1A 0W9

Conseil de recherches
médicales du Canada

Ref: 902-2

March 6, 1996

Mr. Edward A. Greenhalgh
7-265 Regina Street North
Waterloo, Ontario
N2J3B9

Dear Mr. Greenhalgh:

I am writing further to my letter of January 25 in which I acknowledged receipt of your letter of January 16 alleging misconduct by J.C.M. Riley who was working with Dr. J.C. Carlson at the University of Waterloo in the mid 1980s.

Dr. Carlson received MRC funding between 1984 and 1994 for research related to corpus luteum regression.

As indicated in the enclosed Tri-Council Policy Statement on Integrity in Research and Scholarship, the policy of the Medical Research Council is to refer allegation of misconduct to the institution for investigation. However, MRC is bound by the Privacy Act, which prevents us from disclosing personal information without the permission of the person involved. Your letter contains information that probably would reveal your identity to the Institution even if your name and address were deleted.

I therefore require your permission to pass the letter and its attachment on to the University of Waterloo for investigation.

Yours sincerely,

Francis Rolleston
Director
Innovation Teams

Canada

CAMPBELL, GODFREY & LEWTAS

BARRISTERS & SOLICITORS

P.O. BOX 36
SUITE 3600

TORONTO-DOMINION CENTRE

TORONTO, CANADA
M5K 1C5

150073-099

May 19, 1988

Dr. Gardner
Dean of Graduate Studies
University of Waterloo
WATERLOO, Ontario
N2L 3G1

Dear Sir:

Re: Edward Greenhalgh Thesis Appeal

As you know, I act on behalf of Mr. Greenhalgh in connection with the, above-noted matter. We have discussed this matter in the past on the telephone. In our last conversation, I indicated that there were still outstanding matters relating to this appeal, notwithstanding the decision of the University to grant Mr. Greenhalgh a M.Sc. degree. He has suggested I write to you to outline those outstanding matters and the nature of Mr. Greenhalgh's complaints. This letter will serve this purpose. Please also treat this letter as a formal notice of appeal to the extent that may be required under the University's rules in order for you to have jurisdiction to consider the matter.

A. Background

Mr. Edward Greenhalgh was a student in the University of Waterloo Faculty of Science working towards a M.Sc. degree. He was being supervised by one Dr. Carlson.

During the course of Mr. Greenhalgh's work, it became apparent that the focus of his research and his thesis would be to refute the work of his supervisor. Notwithstanding this, his supervisor remained on in that function and sat on the committee, which reviewed his written work, and on the committee which heard his oral defense. It would appear in these circumstances, his supervisor had a conflict and should have withdrawn and allowed someone else to be substituted early on in the process: His failure to do so constitutes a violation of normal academic practice and a lack of fairness to Mr. Greenhalgh.

CAMPBELL, GODFREY & LEWIS

approved for an M.Sc. degree which will be conferred at Convocation in May.

There are a number of outstanding concerns that need to be resolved as are set out below.

B References

In dealing with prospective employers and other institutions, it is always important to have a reference from the institution from which one is departing. Dr. Brodie advised me, after acknowledging to Mr. Greenhalgh that he would receive a degree, that he would not provide a reference, and that any reference to be provided to Mr. Greenhalgh would have to come from Dr. Bols. He further advised that Dr. Bols was refusing to provide a reference.

In our view, this is a breach of the University's obligation to support its students, and an unnecessary interference with Mr. Greenhalgh's career. We cannot understand why the University would refuse to provide a reference when it has found his work to be acceptable for an M.Sc. degree. It simply aggravates the problems arising from this matter. We cannot see why the University would want to impair the future progress of his career.

We therefore believe it to be appropriate that the University provide a reference that would be suitable for use by Mr. Greenhalgh with prospective employers or other institutions. In view of the problems that have arisen, we are not demanding that the University endorse his personality if there is no-one of that view. Nevertheless, Mr. Greenhalgh has earned a higher degree from your University, and we feel that the University is obliged in conscience and in law provide a reference confirming his academic and scientific abilities. Failure to do so, will aggravate any damages Mr. Greenhalgh has suffered to date.

C. Ethical Considerations

In an earlier letter, the issue of whether the allegations made by Mr. Greenhalgh against Dr. Carlson constituted a breach of ethics was raised. Certainly, if it were true that Dr. Carlson had intentionally suppressed new research which cast doubt on his own publications, an ethical breach would exist. This of course is the thrust of Mr. Greenhalgh's concern.

In addition, Mr. Greenhalgh is concerned to discover whether Dr. Carlson has disclosed the results of Mr. Greenhalgh's work, which were funded under Dr. Carlson's Medical Research Council (MRC) Grant, to the MRC. Obviously, this would be relevant evidence that the MRC ought to have in assessing progress under the grant, and the desirability of the renewal of this grant. Mr. Greenhalgh believes, that Dr. Carlson is

CAMPBELL. GODFREY & LEWTAS

2. International Interference with Student's Work by Supervisor

Moreover, the work, which he was required to do, was extended over a far greater period of time than necessary as a result, in Mr. Greenhalgh's opinion, of unfair interventions by Dr. Carlson. Specifically, Mr. Greenhalgh alleges Dr. Carlson required him to do a great deal of extra work which expanded the time required to do his thesis and the length of the thesis itself. Furthermore, Dr. Carlson failed to provide, in Mr. Greenhalgh's view, adequate facilities and supplies in order to permit Mr. Greenhalgh to complete his research. Mr. Greenhalgh's view was that this was intentional and intended to prevent him from completing his M.Sc. and publishing his work.

3. Work is of Ph.D. Quality

Finally, Mr. Greenhalgh is of the view that his own work is of Ph.D. quality, and that the appropriate degree to grant Mr. Greenhalgh on the basis of the effort expended and the quality of his work is a Ph.D. and not merely a M.Sc. Accordingly, Mr. Greenhalgh would like you or whatever other appropriate body may consider this, to deal with this issue as well.

4. Reference and Compensation

5. Summary of Issues on Appeal

Accordingly, the foregoing are the issues that Mr. Greenhalgh would like to raise on this appeal before you, or such other body as you may designate to consider the matter. In order to summarize, and in view of, the fact that Mr. Greenhalgh has obtained an M.Sc. degree already, the issues on the appeal will be restricted to the following:

1. Is the University obliged to recognize and support the original version of the thesis prepared by Mr. Greenhalgh and grant his degree on the basis of this work
2. Should Mr. Greenhalgh in fact be granted a Ph.D. degree as opposed to an M.Sc. degree?

CAMPBELL, GODFREY & LEWTAS

To this end, Mr. Greenhalgh can prepare a list of qualified independent reviewers from which three persons agreeable to the University could be selected.

If this manner of proceeding is considered appropriate, please advise so that I may forward the list of reviewers, under appropriate restrictions, to you for selection.

Another solution of course might be to grant Mr. Greenhalgh a Ph.D. degree and support him with references etc. as you would any other student.

F. Procedure

Mr. Greenhalgh's appeal was considered by the Science Graduate Studies Committee. They did not recommend an acceptable course of action. The University through its counsel and the Dean of Science offered Mr. Greenhalgh a procedure which did not lead to a satisfactory result. You advised that the next and appropriate body to whom this appeal should be taken is to you. If this is incorrect, and there is some intermediate body, please advise me and please bring this letter to their attention. Otherwise, I would ask that please treat this letter as a formal Notice of Appeal. If there is anything further required to perfect our appeal, please advise.

Conclusion

I trust the foregoing is self explanatory. Should there be any questions or comments that you have, I would be happy to assist. Thank you for your consideration of the foregoing.

Yours very truly,

CAMPBELL, GODFREY & LEWTAS

Per:

Christopher W. Besant

/at
Attachment

cc: R.A. Haney, Q.C.
(Messrs. Haney, White, Ostner, English & Linton)

cc: Edward Greenhalgh

Christopher W. Besant
Direct Line: 868-3486

November 4, 1988

BY OVERNIGHT COURIER

WITHOUT PREJUDICE

Messrs. Haney, White Ostner
English & Linton
Barristers and Solicitors
45 Erb Street East
Box 457
Waterloo, Ontario
N2J4B5

Attention: R.A. Haney. Q.C.,.

Dear Mr. Haney:

Re: Edward Greenhalgh and the University of
Waterloo

Further to your letter of September 14, 1988, I enclose herewith a review of Mr. Greenhalgh's work by a competent outside reviewer. Specifically, I have attached a review of the work conducted by Garth L. Nicholson of the University of Texas, M.D. Anderson, Cancer Centre, Department of Tumor Biology. Dr. Nicholson reviewed two manuscripts of Mr. Greenhalgh. The first was a manuscript, the production of which, according to Mr. Greenhalgh was blocked by Dr. Carlson. Dr. Nicholson reaches the following conclusion in his review of the paper:

"The author uses basically sound reasoning in the studies and the results are reasonable. Although the experiments are correlative, the results extend previous data gathered by others in this area and are appropriate for publication."

The second paper reviewed by Dr. Nicholson was Mr. Greenhalgh's original dissertation which was rejected by Dr. Carlson. The conclusions Dr. Nicholson reaches on reviewing the work included

In summation, Mr. Greenhalgh, in my opinion, has completed the research requirements for a dissertation. His major weakness is that his manuscripts although well suitable for the dissertation are not in a suitable form for a scientific publication."

In short, Dr. Nicholson concluded that Mr. Greenhalgh's I dissertation was of Ph.D. quality, although it would need revision for the purposes of publication. The thesis which he reviewed was the version of the thesis rejected by Dr. Carlson. Mr. Greenhalgh was ultimately required to recant on several of his views expressed in this original dissertation, in order to convince the University to grant him an M.Sc.

Dr. Nicholson's opinion on the thesis was supported by his colleague Dr. David Bruton, Jr., who holds the chair in tumor biology at the University of Texas (Dr. Nicholson is the Chairman of the Department of Tumor Biology). I attach herewith for your reference, an outline of Dr. Nicholson's qualifications extracted from Who's Who in the Frontier of Science and Technology (part of the Who's Who Series) which gives extensive detail on Dr. Nicholson's background, should you have any doubt as to his qualifications. In fact, Dr. Nicholson is one of the senior researchers in his field. He published the seminar article on the fluid mosaic model of the structure cell membranes in the journal of Science (Volume. 175 at pages 720 through 731 (1972)). This is cited by everyone working in the field and is a standard reference in all basic texts. In short, Dr. Nicholson is one of the top researchers in Mr. Greenhalgh's field of study.

The thrust of Dr. Nicholson's comments is that Mr. Greenhalgh's original dissertation was worthy of a Ph.D. He also feels that Mr. Greenhalgh exhibits a creative mind and has a good command of the literature. He is also of the view that Mr. Greenhalgh was asked to do too much work and that he was not given enough guidance in converting his dissertation into publishable form. He evidently from his review feels that Mr. Greenhalgh's work is of great interest.

Dr. Nicholson's opinion supports the three essential points Mr. Greenhalgh has always maintained:

1. His work is of Ph.D quality.
2. His work was suppressed (Dr. Nicholson has found the work rejected by Dr. Carlson to be of superior quality by M.Sc. standards).
3. He was not given adequate guidance, was asked to do too much work, and was unfairly forced to remain in the program after 1986, even though he had done enough work to merit a degree.

An Open Letter from:

Edward A. Greenhalgh
265-7 Regina St. N.
Waterloo, Ontario
N2J 3B9

19 August, 1993

Requesting an Investigation for Civil Rights Abuse
with Resultant Grant Fraud by the University of Waterloo

A general letter because of jurisdiction overlap.

To:

(ONTARIO)

Premier Bob Rae

Minister for the Attorney
General Marion Boyd

Minister for the Solicitor
General David Christopherson

(FEDERAL)

Prime Minister Kim Campbell

Minister for Health and
Welfare Mary Collins

Minister of Justice
Doug Lewis

Minister of Employment
Bernhard Valcourt

The following shall demonstrate civil rights violation (the right to education and honest employment) to ensure continued grant funding. Grant fraud is the academic equivalent of insider trading, requiring careful examination of the paper trail. However, unlike insider trading, grant fraud, especially in the life sciences, can lead to death. Therefore, government agencies have a double duty to the public: protecting tax monies, and public health and safety.

The claim is not that breakthroughs in science have been lost by violating my (Greenhalgh's) right to an education and subsequent employment, but rather the perpetrators' belief in their minds that they would experience loss otherwise, i.e., funding, promotions and prestige. Only by preventing Greenhalgh from repeating the questioned work (outlined to Dr. Slotin, MRC, 1988; and letters to U of W Biol. Dept. Dean of Science, 1987, etc.) could the concerned parties be secure in their belief of continued personal gain (and, perhaps more importantly, personal prestige). The monies funding these people represents a public trust: honest use of tax dollars, effective use of these tax dollars, producing graduates of the highest quality, and the promotion of a competitive and technologically advanced Canada.

The initial basis to start the investigation is in the regulations governing post-graduates and the correspondence of the legal counsel for the University of Waterloo. Whose work was threatened, and how? In my letter to Dr. Slotin (30 June 1993) I ask, what is an MRC Group? Who qualifies? Specifically (to this letter) anyone receiving funding tied to the J. C. M. Riley membrane fluidity, etc., work would be threatened. Specifically, Drs. Carlson and J. E. Thompson whom were on his committee and had a history of past collaboration-related funding. Who else? Only an investigation will answer the question. And if the Riley work was proven invalid, then everyone's funding would end (see General Appeal for Help and Mr. Greenhalgh's Response for more detail). So would future promotions and public esteem. Therefore, it would be critical to the University of Waterloo that the Riley work should not be shown to be flawed!

Douglas Wright (former Bill Davis Cabinet minister, hence an influence to the Province's education system) has criticized the poor standard of today's student (K-W Record, 9 Aug. 93: "Young people would be shocked to know that if they don't have certain language or math skills, people don't want to hire them."). Mr. Wright's own personal standard, Ph.D. graduate J. C. M. Riley, must be examined. Dr. Riley bragged in the lab that he had no undergraduate degrees in biology nor chemistry, but a C- in a general Physics B.Sc. (see letters to Drs. Sloth and Friesen at MRC regarding protocol). Regulations at U. of W. require a student for post-graduate study possess an Hon. B.Sc. in biology, with organic chemistry as a pre-requisite. Dr. Riley, who received a Ph.D. in biology, does not meet this requirement. Nor could he handle the original Masters program that he was initially enrolled in. If you can not complete an M.Sc. within a 2 year period,

you are considered substandard and ineligible for further funding (work). Dr. Riley's M.Sc. became a Ph.D. without his taking any additional (required) courses. He now "qualifies" for funding/positions and employment as a Ph.D. (and all the responsibility so associated).

Who approved this? Drs. Carlson and Thompson plus the senior administrators/ governing officers of the University of Waterloo. The University of Waterloo would benefit from continued funding—everyone doing related membrane studies. Therefore, the Governing Officers who had program guidelines to follow (protocol) ignored their own regulations. University rumour has it that J. C. M. Riley's father/uncle was a senior person of influence in the Physics department. An investigation must examine same.

Unfortunately, Greenhalgh's work proved Riley's flawed. Greenhalgh had to engage a solicitor, get outside peer review and still wasn't allowed to graduate until a 3 year period elapsed, making him ineligible for funding and continued work (even though he had letters stating the work to be of clinical value to women). This represents a decision at the highest level ("senior administrators: Haney, 29 Nov. 1988); hence the Governing Officers of the University of Waterloo were quite aware of the implications and ramifications of their actions. The governing officers betrayed the public trust and misused the power of their office (i.e., violated Greenhalgh's civil right to education and employment).

The University of Waterloo has dealt in bad faith, which can be proven by reviewing the correspondence of their legal representative, Mr. Haney.

1. Mr. R. B. Wolyniuk, a solicitor, stated (4 Feb. 1992) [copy enclosed]: "I Have reviewed your file. I believe you have been maligned and treated shabbily. You have a good cause..."
2. Dr. Slotin, Director MRC
 - a. (23 June 1993): "Should, as a result of court or other authority decision, your allegations be proven correct, we would ascertain whether or not MRC principles involving the use of grant funds, had been contravened."
 - b. ((20 July 1993): "In response to your recent letters, there is little I can offer. As I have written to you before, restitution through the courts would appear to be your only course, given the lack of success in other venues."
- 3a. Dr. K. Barker (of Endocrinology, who may feel threatened by a potential civil action, 1 July 1993): "As with all papers published in endocrinology,..., while reviewers of any paper may find later that they have made an

error of judgement (based on subsequently published and thus validated results) . . . If the 1991 paper was based on a flawed design, it is reasonable to assume that the flawed design will be identified in future peer reviewed published papers." Dr. Barker also talks about "traditional and professionally accepted remedies available to members of the scientific community.

3b. Greenhalgh letter to Dr. Barker (8 July 1993, enclosed). I ask Dr. Barker if he is inviting me to a conference to air my views and concerns? This would be eminently fair. No reply has been received, and a traditionally and professionally accepted method has therefore been denied. Also, if you aren't allowed to become a member of the scientific community to repeat the work (not allowed to graduate until you are ineligible for funding or other University acceptance), how is this a valid, realistic remedy?

The realistic remedy is for independent repetition of the J. C. M. Riley work responding to the criticisms in the Greenhalgh thesis and see if replication is possible. If not, then the answer is quite clear. Remember, Dr. Barker states that the reviewers may have made an error of judgement and the 1991 paper was based on a flawed design. What is the most telling is that even Dr. Carlson has ceased to use the criticized Riley membrane technique altogether, accepting it to be flawed. Very clear! These are very valid reasons for Health and Welfare to initiate an investigation.

A few examples of bad faith by the University of Waterloo may be necessary for the Office of the Attorney General.

4. Mr. Haney (29 Nov. 1988): "Given the nature of the very serious allegations against Dr. Carlson, it is my view, as well as the opinion of senior administrators at the University of Waterloo, that Dr. Carlson should now become involved probably with the advice of his own solicitor. . . ."

This correspondence clearly demonstrates:

- a. Whose responsibility and conscious awareness was required: the senior administrators of the University of Waterloo.

- b. Mr. Haney knows who Dr. Carlson is and all related matters to the overall case (there are much earlier registered correspondences to U of W).

- 5a. Mr. Haney (25 Mar. 1993): "As I indicated to you in our last phone discussion, I think it is up to Mr. Greenhalgh to proceed with whatever action he feels is appropriate under the circumstances, and the University will respond depending upon the action he takes up to this point. I have not discussed this matter with Dr. Carlson nor do I even know him, but in any such action it will be my advice to the university that Dr. Carlson be independently represented."

5b. Mr. Haney (13 Oct. 1992): "Your letter of September 25th directed to Dr. John E. Thompson, Dean of Science, Dr. J. Gardner, Dean of Graduate Studies, and Dr. J. C. Carlson of the Department of Biology, has been referred to me as University solicitor. I have yet to arrange a meeting with the individuals involved; however, I anticipate this will be done at an early date and I will get back to you with their response."

Please consider points 4, 5a. and 5b. Mr. Haney claims he doesn't even know Dr. Carlson. Is this proper conduct for a solicitor? Does this represent dealing in bad faith or illegal actions? Mr. Haney represents the University of Waterloo, hence his actions are the Governing Officers'.

6. Through Mr. Davis (12 Apr. 1991) the university was informed: "I am advised by my client that he considers the President of the University of Waterloo and the Senate of the University of Waterloo to be fully responsible for the actions undertaken by representatives of the University of Waterloo forming the subject matter of my client's complaints."

What represents just one position taken by the Governing Officers/Senior Administrators of the University of Waterloo?

7. Mr. Haney (22 Apr. 1991): "So there will be no misunderstanding on your part, the University is not prepared to award your client a Ph.D. based upon research which he did in a Masters program. . . It is not unusual that research done for a Masters degree may very well be high quality research, the result may in fact have been published but this is no substitution for registering in a Ph.D. program and satisfying all of the University's requirements for that degree."

The important point is: "SATISFYING ALL of the University's requirements." J. C. M. Riley did not! He did not have the required prerequisites, fulfill all Ph.D. course load, and the research was flawed(which was demonstrated to proper University of Waterloo representatives as early as 1986). However, Dr. Riley received his Ph.D. via a very special exemption, and his special relationship to Drs. Carlson and Thompson's research grants. A thorough investigation will quickly answer any questions about special exemption/relationships.

Have there been positive alternatives (if the University had not chosen to compromise Mr. Greenhalgh's civil rights)?

8. Mr. Haney (14 Sept. 1988): ". . . that the Senate would likely change its mind on hearing the appeal. Rather, I indicated that the Senior Academic Administrators would no doubt be interested and might be prepared to take some action on your client's request if there was clear evidence from a competent outside party that your client was either not dealt with fairly or that his work was of a high calibre was unfairly criticized."
9. (4 Nov. 1988): Mr. Besant replied to Mr. Haney's request with a world authority (Dr. G. L. Nicolson - co-inventor of the "F.M.P. Membrane Theory") response: "The author uses basically sound reasoning in the studies and the results are reasonable . . . I believe that the work itself is adequate for a Ph.D. dissertation. . . ."

Needless to say, the University of Waterloo reneged on this offer.

10. (29 Nov. 1988): Mr. Besant to Mr. Haney: "We believe that the University could take this position without passing judgement or comment on any position taken by Dr. Carlson and without deciding the question of whether the changes suggested by Dr. Carlson would have improved the thesis or not. Support from a senior level of the University of this nature would help Mr. Greenhalgh in getting on with his career, which is his primary concern."

The point is quite clear. The University is made aware of reasonable and necessary help so an honest career can be achieved and the work continue. The University had a responsibility since ethics and scientific integrity was involved. To help would give Greenhalgh access to the "traditional and professionally accepted remedies available to members of the scientific community". The University of Waterloo made a conscious decision to separate Greenhalgh from continued education and employment (career) so that he could not avail himself of "traditional remedies". The University of Waterloo knew exactly what the consequences of their actions would be. Alternatively, the possibility exists that they are incompetent and as such should not receive accreditation as a qualified university. Given the large amounts of taxpayers' monies received by the University of Waterloo, this is an important question. Also, this raises the issue whether any of U of W's Ph.D.s are competent to be involved in safety and drug testing programs? This should be a major concern to the Minister of Health and Welfare. MRC should investigate.

Mr. Greenhalgh tried to do Ph.D. studies elsewhere, only to lose opportunities under bizarre circumstances. Subpoenas will be quite enlightening here. Nevertheless, Mr. Greenhalgh has tried to avoid harm, but the University has never followed through on offers to help. Even after meetings (1988) with Dean Gardner, the results of a "probe" were never revealed. As a diplomatic gesture, I wrote Douglas Wright (11. (26 May 1993). Mr. Wright made no reply. Please read the enclosed letter to NACSW (12. 23 July 1993), wherein I state the issue is bigger than myself, but is whether the system is responsible to the public. I believe my work would be a benefit to Canada, but I must be allowed to work with others; to share.

The actions taken by the senior administrators at the University of Waterloo has prevented sharing. And, in a very real way, a job, a pension and a future as a contributing member of our society. Why would the University of Waterloo choose to be so negative? The answer is the basis for the investigation: for the good of Canada, for other students caught in the same trap (being naive and honest), and the real sense of security that the personnel in charge of medical research and safety testing are well qualified. As it stands, J. C. M. Riley must be seen as the "Benchmark". If a university is so concerned with personal gain over quality and standards, how can Canada be successful in our new NAFTA/Social Contract world? You do have a responsibility to the public trust.

Yours very truly,

Edward A. Greenhalgh

SECTION FROM
19 AUG. 93
* REQUESTING AN
INVESTIGATION...

A. Greenhalgh
265-7 Regina St. N.
Waterloo, Ontario
N2J3B9

14 April 1993

R. A. Haney
Barristers & Solicitors
P.O.Box 185
41 Erb St. East
Waterloo, Ontario
N2J 3Z9

Dear Mr. Haney:

I have just (14 Apr. 93) received your correspondence to Mr. Koehnen dated 25 Mar. 93. You have failed to provide the requested listing of post-doctorate supervisors, nor answered my other concerns as you requested of my rebuttal ("Mr. Greenhalgh's Response"). Please do not be of the misunderstanding about the University's responsibility (all past correspondence clearly stated such). Please review all the enclosed carefully as a last attempt for compromise, or the beginning of criminal proceedings against the Governing Officers of the University of Waterloo. Ever since the beginning of the dispute, settlement has been hampered by arbitrary rules, and there is more at issue than mere plagiarism: the public trust in institutions. Do these institutions, receiving millions of taxpayers' dollars, serve the public interest: their futures? Important questions have been raised, and I have outlined my personal beliefs concerning the validity of fair compensation vs. criminal charges to P.M. Mulroney, Premier Rae, Mr. Koehnen and others. To P.M. Mulroney was explained that a court challenge is a better solution by far than that by Fabrikant at Concordia. And there is also the question, are our universities serving the public, promoting new ideas and competition, or are they in the business of providing a living to friends? I see only two options left.

1. Institutional supported grant fraud has occurred and No compensation is possible: only the Crown's case and the public's interest matter. The major fraudulent act by the University of Waterloo is allowing the public to believe that their taxes are supporting original research. The Governing Officers have been made aware from the beginning and are responsible for their employees' actions: which could not have continued without sanctioning. Therefore, like a Board of Directors of any private (Mr. Rae has confirmed that universities are private) sector corporation, they are responsible. Please note that due to the political connections involved, legal representation has been very hesitant to be involved. Nevertheless, I do have written legal opinion that, along with plagiarism, the Crown should review the case.

2. Recognition of Merit and Compensation. I also have outside written expert opinion stating that my work and person are victims of petty jealousy. Should a Senate publicly expressing concern for educational standards and "Excellence" be capable of apologizing and promoting? I have written P.M. Mulroney asking him to facilitate between myself, Douglas Wright and the pharmaceutical industry to end the bitter dispute. Has the Senate, or Mr. Wright ever offered to talk? What does it say about the University of Waterloo to be forced by legal action to communicate? Is this the true character of the University of Waterloo?

A university's character is an extension of its Governing Officers'. Who are these people? They have names. Please supply a listing of the people who served as President, Chancellor, and Senators from 1984 to 1993. I do know that Mr. Darcy McKeough was a former Chancellor (former Chair of Ontario Hydro, and a member of the Bill Davis Cabinet). Mr. Douglas Wright was both President and Chancellor (also of the Davis Cabinet and a friend to Brian Mulroney). Senator Trevor Eyton was a Senator (President of Brascan and appointed to the Federal Senate by Brian Muironey). Who else? These people influence the educational standards (hence, the future) of Canada. And, as pointed out to P.M. Mulroney, J. C. M. Riley must be accepted as his/their personal standard for scientific and educational achievement in Canada.

Forced by legal action to communicate, and difficulty raising legal council are interesting points to explore. In the CBC movie on the murder of Mrs. Cohn Thatcher, she had great difficulty in acquiring legal representation because of Cohn's political connections. Good God, if she had problems, re-examine the names above and talk about political connections (and the potential for black listing). Mr. Haney was asked to reply to "Mr. Greenhalgh's

Response” by a deadline which he let pass. Deadlines gauge intent and sincerity. No reply was made; hence, I sought advice, as can be seen in the correspondence to the Rt. Hon. P. E. Trudeau. The reasoning is obvious. Mr. Trudeau’s reply via his kind Personal Asst., M. Sansoucy (included) is quite reasonable: as is the included “General Appeal for Help”.

Prime Minister Mulroney’s actions also are important and a basis for philosophical discussion. P.M. Mulroney has claimed he wants the best future for Canada: scientific advancement and competitiveness. Futures develop out of the past. P.M. Mulroney has apologized (on behalf of Canada) to the WWII internees. He gives the appearance that social justice and conscience are important. Did he meant it? Douglas Wright, Senator Eyton, you are his friends; does he stand behind commitments, or were they only empty words? Not money out of his pockets (but the Canadian taxpayers’).

What does the above have to do with plagiarism/compensation? Plenty! Mr. McKeough has been reported to be heading Kim Campbell’s team. Senator Eyton was elected to the Federal Senate to pass the GST. Mr. Wright was P.M. Mulroney’s educational advisor. I do not have your list of university senators yet, but the “smart money” would bet that there are a few more prominent Conservatives on board. So what? Read the letter to Mr. Trudeau: the problem may exist only because of the meanness and arrogance of the Senate. Nothing more!

After the failure of the Referendum, everyone was muttering about the “Elite” and the “Status Quo”. Mr. Mulroney claimed he wanted a better Canada but, based on the actions of his friends (at U. of W.), I’d say he was wrong. I’d say that he and his friends (Excellence in Education/Social Covenant) spoke empty words and wanted the Canadian people to pick up the tab (like I am presently).

Let’s start with the “Elite”: the Governing Officers of the University of Waterloo. Darcy McKeough made Ontario Hydro what it is today. Senator Eyton’s wisdom guided Brascan to its present condition. Douglas Wright, where are your millionaires? How can you criticize Mr. Rae for lack of funding?, whereas if your big ideas had worked, they shouldn’t be needed. You, wise people, held my thesis “Appeal” like a “Star Chamber” session (I wasn’t present or even told). Perhaps you were merely keeping a Tory tradition (the Family Compact) alive.

(N.B. Coming from a family that always voted Conservative, to discover that prominent Conservatives are the problem is very amusing. However, I supported Clark). You were also wrong. Wrong many times.

- Wrong when the Dean of Graduate Students falsely offered to help if the work was published and that he would initiate a “probe”.
- Wrong when you wouldn’t take the positive initiative to be references so the work could continue abroad.
- Wrong when you suppressed work of potential clinical value.
- Many wrongs.

Just like the internees of WWII. P.M. Mulroney believed(?) an apology and compensation was appropriate. Do you? To apologize and compensate would be outside of the Status Quo. Are you prepared to change the status quo (this is a real, positive example and not empty talk)?

Early correspondence with Mr. Koehnen discussed morality; whether to lay, or not, fraud charges, and what was in the public’s and everyone’s best interest. Obviously the latter was chosen, but your dealings have been in the same bad faith as always. You must decide where do we go from here? Only in criminal court via subpoenas can I overcome your smug denial and prove my contentions. Is that the best choice? The answer depends on what is important. I have fought for scientific integrity (and what follows: educational and safety standards--a better Canada). Scientific integrity includes honestly reported work that can be replicated and stands the test of time. Before 1986, but specifically at the 1986 colloquium serious flaws in the Carlson/Riley work were pointed out. Since then, Dr. Carlson (in the very paper concerned with plagiarism) has admitted that the Riley work (basis for his Ph.D.) can’t be replicated. What educational standards did Dr. Riley exceed? In the lab he bragged about neither holding an undergraduate degree in biology or chemistry, but had a C- in a general physics program. Can U. of W. in all fairness ask any biology undergrad to leave a program, or deny entrance to high school students based on marks? Dr. Riley must be accepted as the “Benchmark” of Excellence at the University of

Waterloo. And similarly, the Canadian people must accept this as the standard in drug product safety testing and other important concerns. Maybe this explains thalidomide, Dálkon shields and silicon implants: someone wrote the approving reports.

Let's examine the above in the context proposed by Prof. Guelke: public confidence. Pretend that a Ground Water Testing Facility was given a million dollars to monitor pollution for a big company. Suppose standard Test A (status quo) was the darling of the scientific community for years and used to indicate negligible pollution. A new test B was developed by a student that bore up to peer review and was more sensitive than Test A, undermining its results. Pollution levels were not acceptable because the older test was contaminated by its very procedure. What would the Senate of the University of Waterloo do? Support or suppress the test? Your answer directly reflects my case.

In my case everything can be examined in Dr. Carlson's own handwritten comments (establishing what he considered his work and threatening, plus any experts you may bring on side will have to put their own personal reputations behind all these comments as though they were their very own also). The issue is noted in registered letters to all University representatives, especially the deans. Dean Brodie was given a letter (plus a thalidomide analogy) that pointed out where Dr. Carlson had refuted, in his own writing, his own work: the very basis for the Riley Ph.D. Dr. Carlson has now confirmed this in the published plagiarizing paper. But what about pollution/thalidomide/silicon implants: someone wrote the approval reports? Someone who received their degree from a sanctioning university and senate. Boards of Directors are now being held criminally responsible: Governing Officers are a Board of Directors. Did the Senate of the University of Waterloo suppress my 1986 work to protect funding! grants or other? What positive actions has the Senate ever taken to prove otherwise?

Positive actions: it is no good to stand beside a house on fire, drink beer and say, "I didn't do it." You could call 911, help people out, or turn on a garden hose. Mr. Haney, you smugly say that you have no information that U. of W. has given a negative response concerning inquiries of Mr. Greenhalgh. You are inviting me to prove physical evidence: phone calls and personal gatherings of verbal communication between "friends" are not such. However, if in criminal court subpoenas, etc. can establish a basis for negative

interference, then, Mr. Haney, can we agree that the members of the Senate will accept full responsibility and not claim technicalities: “they inhaled”? After all, in seven years I could have achieved at least three Ph.D.’s: you have stolen a career/reputation: a future. Therefore, the Senate must assume full responsibility, just like any Board of Directors.

An example is always useful. In Ontario, student files once were the private domain of schools and many derogatory comments were recorded. Laws changed and students were given access. The media reported that the nights preceding the new law had teachers busily shredding files and writing sanitary new ones. Similarly, I am certain that any files on Mr. Greenhalgh will be quite sanitary (but when did U. of W. ever try to help is more important than denials?). So, Mr. Haney, are your clients willing to accept full responsibility?

But why fight? Break away from the Status Quo and reward hard work and merit. Why not be seen as positive and progressive people; after all, pundits have said that with free trade, etc., new, creative ideas will have to be adopted. Why not start here? I have tried to bring funding for research to Canada by developing ~ theories. The work has received written acknowledgement as meritorious of sponsorship from industry! However, U. of W. is a block. Why not stop the molestation and do the right thing for a change? Do not cite rules! regulations because, had same been obeyed or past commitments honoured, the problem would not exist. My original thesis work was finished before the required two year period, but by not monitoring Dr. Carlson (as the Province had a responsibility at the Cambridge Girls Reformatory), I was not allowed to graduate. Due to the time limit (recall the Senate Appeal/Decree: U. of W. was quite aware) I was ineligible for grants or further studies: terminating the work and career. However, at great personal - expense and hardship (without the support that graduate students normally receive, i.e., Sawada, Riley and Brown) I published two single author papers in a very important international journal. Isn’t that exceptional Excellence? To underscore the point, please supply a listing of your students who have published three single author papers (in two separate fields) and do not hold a Ph.D.? How many new Ph.D.’s even?

If you are tied to rules, let me cite industry which is promoting a Quality Assurance Program (rewarding merit and stimulating new ideas). To the sincere it’s a benefit, but others use it as window dressing: the total concept won’t be discussed. The concept, as

promoted by Phillip Crosby in a video, dismisses universities by stating that only 10% of the faculty are energetic go-getters--but they are naturally so. The remaining 90% have one goal, to become tenured, and once achieved, to make no waves so to enjoy a paid early retirement. What about U. of W.? Are you going to cite rules, or reward hard work and merit?

I have never (as my legal correspondence continued from day one) considered my mistreatment closed. My belief in fair play, and law and order has required patience. Ask P.M. Mulroney (Sp. Asst. Jeff Foster) about my criticism of his personal stand encouraging Fabrikant at Concordia. Similarly, U. of W. has had a personal tragedy. My beliefs have cost career and seven years of life, yet that foolish young man who committed manslaughter will probably only serve five years. What do your regulations and Mr. Mulroney's positions encourage? Do we go to criminal court? Try to overcome your negativity and consider the following:

If U. of W. grants my work a Ph.D., apologizes, and makes fair compensation, there would be no need for fraud charges: the ill-gotten gain would be negated.

Then:

1. The new work can continue, perhaps bringing research funding to Canada (proving a credit to U. of W.'s judgement). Consider my past successes.
2. Dr. Carlson (nor anyone) need not be dismissed, but write an errata/apology (as suggested by Dr. Conn at Endocrinology). Dr. Carlson can keep his job while any safety/fraud concerns will be met by the scrutiny he will be under. If he (others) is a good person, he will only have to work harder. Please recall that Dr. Baltimore (M.I.T.) finally apologized, but a criminal conviction occurred.
3. No one's reputation will be tarnished: U. of W.'s mine or others'. With the increased incidence of academic misconduct, your positive action will serve (a) to strengthen U. of W.'s reputation, and (b) cause other academics to work harder and give fair treatment and respect to students.
4. Any settlement must include discussions to protect students better. Had U. of W. been fair and open originally, none of this would have happened. I also believe that my actions have already had a positive influence on your Ombudsman program: the dates

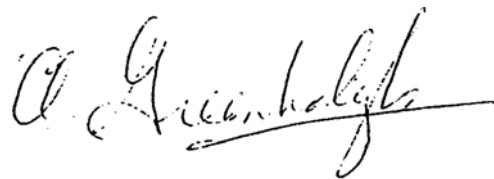
are coincidental. The undergraduates are your most valuable resource: fresh ideas and energy. They need the assurance of fair and honest guidance: hence my child molestation metaphor.

That was the positive choice; the other route is criminal court. Mr. Trade's letter is included to prove my sincerity and the course I must take. As you are quite aware, this "mouse" can't match your financial/political resources and requires equally powerful, dedicated help. If the public/media become involved while I seek assistance, such is outside of my direct control: but may be in the public's best interest. Indeed, according to Mr. Mulrone's "Social Covenant" (Charlottetown) and your own "Excellence in Education" statements, makes my own forced actions all the more pathetic.

These are my honest concerns and beliefs. Please supply all the listings of names requested herein and from "Mr. Greenhalgh's Response". Respond to all issues in Mr. Greenhalgh's Response. You have five (5) working days to respond to receipt of this letter from delivery date. You have five additional working days (for a total of ten (10) from date of receipt) to make a formal statement on behalf of the University of Waterloo concerning positive or negative choices. I believe my concerns are quite clear. Please note: unless circumstances change, you are to directly reply to my address.

Thank you for your time and consideration.

Most sincerely

A handwritten signature in black ink, appearing to read "E. Greenhalgh". The signature is written in a cursive style with a long horizontal flourish extending to the right.

Edward A. Greenhalgh

Heenan Blaikie

LAWYERS

Pierre Elliott Trudeau
Direct Line

Montreal, March 30, 1993

Mr. Edward A. Greenhalgh
265-7 Regina St. North
Waterloo, Ontario
N2J 3B9

Dear Mr. Greenhalgh:

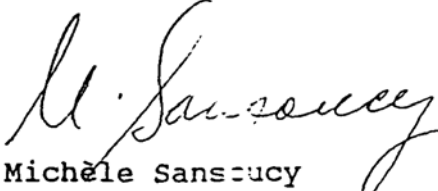
Thank you for your March 26th letter addressed to the Right Honourable Pierre Elliott Trudeau.

Mr. Trudeau has asked me to explain to you that since he retired from public life, he has continued to receive such a volume of correspondence and of telephone calls that he finds it very difficult to concentrate on the things he planned for his retirement.

Consequently, Mr. Trudeau will not be answering his mail or taking telephone calls for an undetermined period of time. This also means that he will be unable to comply with your request for help, and I am therefore returning your documents for future use.

Mr. Trudeau earnestly hopes that you will understand his position and he would appreciate your indulgence in accepting it.

Yours sincerely,


Michèle Sansucy
to

Edward A. Greenhalgh
265-7 Regina St. North
Waterloo, Ontario N2J 3B9
(519) 884-3318

26 March 1993

Pierre Elliott Trudeau
1418 Ave. P.N.S.
Montreal, P.Q.
H3G 1A8

Dear Mr. Trudeau:

You have been approached because of your reputation and past stands on issues affecting Canada. Do you still stand behind the concept of a “just society”? You are retired, and maybe these concerns are no longer applicable. No one can fault you. Bob Rae has written about cats and mice (the Douglas parable), and P.M. Mulroney about Quality Assurance (the industry stress management fad), plus others (see enclosed). This is philosophy. If nothing else, I hope you are amused. At best, you will help in the struggle.

I am a scientist who could be a benefit to Canada. Please read the General Appeal for Help, the McMillan Birch plagiarism letter to the University of Waterloo and Mr. Greenhalgh’s Response, Minister Winegard’s correspondence, for a quick overview. In brief, by serendipity, my work uncovered an advanced theory that threatened the funding of many reproductive endocrinologists (including Cornell and Yale). The work has been maliciously suppressed, indicating people at very high levels; who can threaten a Science Minister? Further, concerned professors at Waterloo have privately indicated that the Senate of the University of Waterloo was going to make an example of me. Who’s on the Senate? Douglas Wright was Chancellor, and Senator Trevor Eyton (of Brascan and the Canadian Senate), both friends of Mr. Mulroney. Who else?

I have tried to leave the province. The country. The continent. I was blocked. In my correspondence to U of W an apology and help to continue the work was asked for. U of W wants to dismiss my former professor after long legal battles. I want help, not revenge. However, U of W seems mean-spirited, and will not even reply to their requested rebuttal of their experts (Mr. Greenhalgh’s Response). Isn’t that arrogance? Did they really want to be fair?

A just society. When my wife has been discouraged, I've explained that Canada is still a good place to live because if this was anywhere else, we'd have been shot long ago. Canada doesn't do that. We have Family Compacts and Chateau Cliques. And the Charter of Rights and Freedoms. Did it change anything? I am still facing the smug and wealthy friends and tight circles that Mackenzie and Papineau had to. However, let's return to philosophy.

Should a country have its independence? Is a strong university/education system a part of that independence? What price independence? What is safety and excellence worth? Who decides? One yardstick employed by progressive thinkers *is* the protection given to our most vulnerable members of society. And aren't cultural identity and independence interwoven?

I do not wish to judge whether the pharmaceutical firms are good or evil: they are made up of men and women; rather, I would concentrate on how they try to fit into any nation's fabric. They reflect the nation's leader and vision. This vision forces expectations to be met by the firms. If a nation is weak and led by a small vision, then the expectations may be non-existent. The end results are small: little investment, poor commitment and respect. No, the pharmaceuticals are capable of very high standards, if asked.

Then where is the philosophy? Partly in the asking. If they are not asked, why bother? If a country doesn't respect their own citizens, why should they? My personal case may not include a grievance with the pharmaceuticals. My problem may be a simple dislike by, and a grant threat to, the Governing Officers of the University of Waterloo. These Governing Officers have very strong ties to P.M. Mulroney. This is having strong ties to the philosophy of Brian Mulroney and his vision of Canada. Unfortunately, it's a punitive vision that crushes anyone (even the naive innocent) that gets in the way.

What kind of vision is it then that I perceive: a plant manager (plant managers aren't evil nor unlikeable). A nation needs a leader and a philosophy. A manager has a product to move and must protect that product. New products are phased in when it's convenient to both management's position and doesn't threaten the old product. This is a good philosophy for a pharmaceutical or a Third World nation; not a world leader. World leaders make things happen, and sometimes upset the status quo. Do not confuse this with chaos or anarchy.

The catchword is intellectual property or the power of ideas. If universities aren't free to develop new ideas because it may threaten the status quo of Senators, or tenured personnel, or a sponsoring pharmaceutical firm, what good are they? Why not just buy the perfected ideas (do the research once) from the parent company's country? A plant manager likes this concept. A leader doesn't. Banting and Best would have been seen as a threat.

What do I want, and why help one person?

1. Can you put me in. contact with a dedicated Canadian who will help me prepare the fraud case against the people concerned, not for my benefit, but Canada's?
2. If you help me, then many will be helped. I have survived through a combination of very solid work, the kindness of good people and good luck. However, there are many, many less fortunate, younger Canadians whose lives and dreams (please, I am not being melodramatic right now) are being taken from them by small-minded, visionless people who are hiding behind this corrupt philosophy. Canada is losing its best (to neglect and despair); the young thinkers and motivators. We do not have another "ten years to lose". We'll lose the country. Can we continue the dialogue in. person?

Thank you for your kind attention.

Yours very truly,

A handwritten signature in black ink, appearing to read "Greenhalgh". The signature is written in a cursive style with a long horizontal stroke at the bottom.

A Question of Responsibility

A General Letter (re. 19th Aug. 1993)

from: Edward A. Greenhalgh
265-7 Regina St. N.
Waterloo, Ontario
N2J 3B9

ph. (519) 884-3318

13 September 1993

To:

(Ontario)

Premier Bob Rae

Minister for the Attorney
General Marion Boyd

Minister for the
Solicitor General David
Qiristopherson

Supplement:
(Waterloo North)

(Federal)

Elizabeth Witmer M.P.P.
Prime Minister Kim Campbell

Minister for Health and Welfare
Mary Collins

Solicitor General
Doug Lewis

Minister of Employment
Bernard Valcourt

Question

(Your response is essential and expected)

What is the Crown's responsibility to investigate white-collar fraud, especially that involving tax dollars, and, more importantly, if the public's health and safety may be compromised (re. thalidomide, Dalkon shield and breast implants)?

Murder, rape and theft are criminal offences. Just because universities are autonomous (above the law?), does this mean that criminal offences are not investigated (on campus)? Fraud is a criminal offence.

What is the Crown's obligation to the taxpayer? What is your duty to society?

Most sincerely,

Edward A. Greenhalgh

N.B. If, in five (5) working days of receipt of this letter, a polite realistic reply is not made, then the Canadian and American media will be invited to offer opinions.

Edward A. Greenhalgh
265-7 Regina St.N.,
Waterloo, Ontario.
N2J 3B9

Rt. Hon. Jean Chretien
Prime Minister of Canada
The Office of the Prime Minister
House of Commons
Ottawa, Ontario
K1A 0A6

21 Sept. 95

Dear Prime Minister Chretien:

Your assistant, Ms.

Peavers was kind enough to telephone me, although my correspondence has not been addressed; a concern since your commitment to the Charter was questioned. You no doubt are a good man, and your person isn't being challenged, but when our society will provide Paul Bernardo with hundreds of thousands of dollars, and my concerns for public safety and ethics only receive meanness tends to leave one sad if not doubtful. Why does the Charter appear designed for the good of criminals and not the good of average citizens?

Prime Minister, our health and science professionals appear to have lost their standards (Sept. 95 a woman dies when NINE clamps are left in her; the Krever commission is reporting incompetence etc). And yet when a stand on integrity is taken and alleged misconduct, fraud and, human rights abuse are reported, our leaders turn their backs on the problem. Public health and safety demand high standards, dedication to ideals, and committed leadership.

Am I challenging you? No, merely constructing an example. Would you allow your grandchildren to eat poison? Of course not. BUT, P.M.Chretien, your grandchildren can be guaranteed privileges that ordinary Canadians will never have. You can send them to the most expensive hospitals in the world. The question is, would you let badly trained doctors/scientists poison the ordinary Canadian grandchild? You can only answer NO if you will demand the enforcement of high standards and ethics. Will you, for the good of all ordinary Canadians demand answers to questions concerning the very serious allegations of misconduct concerning JCM Riley and the University of Waterloo?

Is Jean Chretien personally responsible for JCM Riley and the University of Waterloo? The Pharmaceutical Industry claims that drugs are tested by highly trained scientists for a ten year period. The Riley concerns/case represents EIGHT years. Mr. Prime Minister, are you willing to put your seat in the House of Commons on the line on the repetition of the Riley work as

outlined in the suppressed E.A.Greenhalgh thesis? Would you allow your grandchildren to eat poison? is the same question. Or are you shocked, and want this dreadful situation properly investigated and corrected?

What do I want? Eight years of my life back, and ALL the slanderous harm undone; and only a commission of enquiry can decide what compensation is fair. I must draw the parallel to Margo O'Toole, who reported misconduct at M.I.T. (a fraud conviction resulted). Although Ms. O'Toole also went through a terrible ordeal, she also received a position at another univeraity. The U.S. may have many faults, but they can also reward integrity too. Some have suggested that Canada is controlled by mean and petty people whom have sworn that E.A. Greenhalgh will never work in research ever. Is this true, Mr.Prime Minister, or is Canada bigger than a few mean people? What say you sir?

Prime Minister Chretien, my theories have been vindicated, and my new work validated by that of contemporary researchers. If you would talk to me I could explain why viruses "invented" sex, and its ramifications to genetic diseases, and the immune system having a "type of intelligence. "I believe that my work will benefit Canada, but help is required. How big is Canada? How big is Jean Chretien? You, sir, are the leader, make a judgement call.

Thank you for your kind attention.

Very truly,

Edward A. Greenhalgh.

No N° 76 064 217
 Access Code Code d'accès
 City Ville
 Regina K1A 0A8
 Postal Code postal
 360
 Fee Droit
 360
 AR
 Total Fees Droits
 Accepted Acceptés
 360
 Date
 Jan 16
 LEC

Edward A.Greenhalgh
 265 Apt.7 Regina St.N.,
 Waterloo, Ontario N2J 3B9
 (519) 884-3318
 16 January 1996

Name Nom
 Jean Chretien
 City Ville
 Ottawa K1A 0S2
 Postal Code postal
 360
 Fee Droit
 360
 AR
 Total Fees Droits
 Accepted Acceptés
 360
 Date
 Jan 16

TIVE REGISTERED LETTER TO:

265-Apt.7Regina-.
 No N° 76 064 217 684

St.N.,
 Prime Minister
 Jean Cretien

Premier of Ontario
 Mike Harris

Pres. of MRC
 Henry G.Freisen

Deputy PM
 Sheila Copps

MPP (Waterloo)
 Elizabeth Witmer

Justice Minister
 Alan Rock

MP (Waterloo)
 Andrew Telegdi

Dear People in Positions of Responsibility:

Thank you for your attention in this most serious matter. Justice Krever has noted that one of the main reasons for the Red Cross Blood crisis was the lack of responsibility from people in positions of responsibility. I am now addressing each of you as-people of the highest responsibility. Over the last few years as I have addressed to many of you these most serious allegations of misconduct and wrong doing at the University Waterloo you have failed to act. Some have been particular disappointments in their complete failure to reply to the concerns of public safety, especially the Prime Minister and the Justice Minister.

Please realize that this is a registered letter. The last registered letter to the Deputy PM was "lost" by Canada Post.

Dear Responsible People, I have gone to university to be a benefit to society, and to a certain extent have succeeded by producing papers of actual benefit; especially to women's health. I have asked many of you for help explaining the future work had direct ramifications to ovarian cancer and AIDS, but all I received were short empty letters. You don't support women's health, cancer or AIDS research, would appear to be the answer, but you will cover up misconduct. Why?

I allege, that JCM Riley lied and engaged in misconduct in association with Dr.J.C.Carlson at the University of Waterloo: a university also condoning the misconduct possibly to ensure Federal funding. The basis for this allegation is JCM Riley's and JC Carlson's) own work. They claimed that there was NO oxidation damage in their 1986 membrane preparation. My work clearly proved to them there was! They and the University of Waterloo suppressed this work, I allege to continue receiving federal funds. If oxidation damage does occur in their preparation then the allegation is correct and the aforementioned engaged in misconduct. Period! Through this misconduct JCM Riley gained a Ph.D., and a post-doctorate position at Yale and monies from the federal government not otherwise possible. What are you going to do? This alleges federal fraud. If you do nothing your actions allege a conspiracy to continue a cover up.

I have gone to many of you for help. This is like someone going to each of you and saying that we can stop the contamination of the blood supply if you investigate the misconduct of this individual at this institution. Would you stop the contamination? Yes, or no?

Now each of you have been informed as a group. If you don't care about society, let us make the example personal! JCM Riley represents a threat to society as a bad scientist (I so allege because anyone who lies to receive a Ph.D may well lie again and people may die) if the allegation is true (is there oxidation damage - yes or no?) that he lied so his work would receive a Ph.D. not otherwise possible. The University of Waterloo represents a threat to society also in allowing or encouraging the training of unethical personnel. Is there oxidation damage, yes or no? I must now respectfully ask each of you to put your seats/jobs on the line for JON Riley. This is the same thing as though JCM Riley was on a medical board approving a new drug: is it a poison, yes or no? You are the patient: your seats are your lives. How confident are you in JCM Riley's word? If my allegations are true, and oxidation damage does occur in JCM Riley's Ph.D. membrane preparation then the drug is a poison - you will die! Will you now give up your jobs? Are you willing to put society to a risk from JCM Riles that you yourselves will not take? Or will you see that justice and the proper action is immediately taken? You have a choice, the people who died from hiv infected blood did not.

As this letter is registered, you must realize that your reply represents the risk that YOU are willing to put Canadian Society. I hope that you do your duty to Canadians by acting responsibly and taking immediate ethical and appropriate action to correct this injustice. Your reply represents your commitment to Canada and public SAFETY. Thank you.

Very truly,

Edward A. Greenhalgh

SHEILA COPPS, M.P.
HAMILTON EAST
DEPUTÉE DE HAMILTON-EST

AUG 15 1991
AOUT

Mr. Edward Greenhalgh
265 - 7 Regina Street North
Waterloo, Ontario
N2J 3B9

Dear Mr. Greenhalgh:

Further to your letter of July 14, 1991, I am pleased to provide you with the following information.

After extensive research, my staff failed to uncover any information concerning a Royal Commission on Post Secondary Education led by Stuart Smith. I suggest you contact the Ministry of Education at the address below.

Ministry of Education
Mowat Block
900 Bay Street
Toronto, Ontario
M7A1L2

Royal Commission on Reproductive Technology can be contacted at 613-954-999. You should ask to speak to Dr. Patricia Baird.

I hope that this information will be useful. Thank you for contacting my office.

Yours sincerely,

Sheila Copps, M.P.
Hamilton East

DEPUTY LEADER
CHEF ADJOINTE

Office of the
Prime Minister

Cabinet du
Premier ministre

CANADA

March 2, 1992

Mr. Edward A. Greenhalgh,
Apartment 265,
7 Regina Street North,
Waterloo, Ontario.
N2J 3B9

Dear Mr. Greenhalgh,

On behalf of the Right Honourable Brian Mulroney,
I wish to acknowledge receipt of your recent correspondence.

I would like to thank you for writing to the Prime
Minister and assure you that your comments have been noted.

Yours sincerely,

Jeff Foster
Special Assistant

Government
of Canada

Gouvernement
du Canada'

Aug 30 1993

Mr. Edward A. Greenhalgh
2 65-7 Regina Street North
Waterloo, Ontario
N2J 3B9

Dear Mr. Greenhalgh:

On behalf of the Honourable Bernard Valcourt, Minister,
Human Resources and Labour Canada, I wish to acknowledge receipt of
your correspondence.

Please be assured that the Minister will be made aware of
the matter you have raised and that it will be given proper
consideration.

Thank you for taking the time to write.

Yours sincerely,

Ilona Rehberg
Correspondence Coordinator

Canada

Government of Canada Gouvernement du Canada

AUG 30
1993

Mr. Edward A. Greenhalgh
265-7 Regina Street North
Waterloo, Ontario
N2J 3B9

Dear Mr. Greenhalgh:

On behalf of the Honourable Bernard Valcourt,
Minister, Human Resources and Labour Canada, I wish to acknowledge
receipt of your correspondence.

Please be assured that the Minister will be made aware
of the matter you have raised and that it will be given proper
consideration.

Thank you for taking the time to write.

Yours sincerely,

Ilona Rehberg
Correspondence Coordinator

Canada

Ontario

The Premier
of Ontario

Le Premier ministre
de l'Ontario

Legislative Building
Queen's Park
M7A1A1

Hotel du gouvernement
Queen's Park
M7A1A1

September 7, 1993

Mr. Edward A. Greenhalgh
7 Regina Street North
Unit 265
Waterloo, Ontario
N2J 3B9

Dear Mr. Greenhalgh:

Thank you for your letter and the accompanying documentation requesting an investigation into the matter between you and the University of Waterloo.

The provincial government has no authority to intervene in matters such as this one. Universities in Ontario are autonomous institutions fully responsible for all internal administration. Since this is the case, my suggestion would be that you seek legal advice. I note that you communicated with a lawyer in February of last year.

I regret that there's nothing more I can do for you at this time, but I hope the matter can be resolved.

Yours sincerely,

Bob Rae

Ontario
LEGISLATIVE ASSEMBLY

ELIZABETH WITMER, MPP
Waterloo North

September 15, 1993

Mr. Edward A. Greenhalgh
265 -7 Regina Street North
Waterloo, Ontario
N2J 3B9

Dear Mr. Greenhalgh,

Thank you for the copy of your recent letter to the Premier, Attorney General, and several other federal and provincial ministers regarding your concerns about the possibility of civil rights abuse and grant fraud by the University of Waterloo and your request for information concerning the provincial government's responsibility to investigate white collar fraud.

I appreciate your taking the time to make me aware of this situation.

I trust that the various ministers' that you have written to will respond to your questions in a timely manner.

Thank you again for your letter.

Sincerely,

Legislative Office: Legislative Building · Queen's Park · Toronto · Ontario M7A 1A8 · (416) 325-3865 · Fax (416) 325-9040
Constituency Office: 375 University Ave. East · Waterloo · Ontario N2K 3M7 · Tel. (519) 725-3477 · Fax (519) 725-3667
Elizabeth Witmer, M.P.P.
Waterloo North

EW:ds

The Premier
Of Ontario

Le Premier ministre
de l'Ontario

Ontario
Legislative Building
Queen's Park
Toronto, Ontario
M7A1A1

Hotel du gouvernement
Queen's Park
Toronto (Ontario)
M7A1A1

September 7, 1993

Mr. Edward A. Greenhalgh
7 Regina Street North
Unit 265,
Waterloo, Ontario N2J 3B9

Dear Mr. Greenhalgh:

Thank you for your letter and the accompanying documentation requesting an investigation into the matter between you and the University of Waterloo.

The provincial government has no authority to intervene in matters such as this one. Universities in Ontario are autonomous institutions fully responsible for all internal administration. Since this is the case, my suggestion would be that you seek legal advice. I note that you communicated with a lawyer in February of last year.

I regret that there's nothing more I can do for you at this time, but I hope the matter can be resolved.

Yours sincerely,

Bob Rae

Office of the Minister
of Health

Cabinet de la Ministre
de la Sante

20 IX 1993

Mr. Edward A. Greenhalgh
265 - 7 Regina Street North
Waterloo, Ontario
N2J 3B9

Dear Mr. Greenhalgh:

I wish to acknowledge receipt of your letter of September 13, 1993, with enclosures, addressed to the Honourable Mary Collins, P.C., M.P., asking what the Crown's responsibility is in cases of fraud. Since such matters should be brought to the attention of the Minister Designate of Public Security, I was pleased to note that you also forwarded your letter to the attention of the Minister's colleague, the Honourable Doug Lewis, P.C., Q.C., M.P.

I appreciate your writing to make the Minister aware of your concerns in this matter and I will be pleased to bring your letter to her attention as soon as possible.

Sincerely

Ursula Appolloni
Departmental Assistant

Medical Research
Council of Canada

Conseil de recherches
médicales du Canada

Ottawa, Canada
K1A0W9

August 19, 1993

Mr. Edward A. Greenhalgh
265-7 Regina Street North
Waterloo, Ontario
N2J 3B9

Dear Mr. Greenhalgh,

This will acknowledge receipt of your letter of August 4, 1993 addressed to Dr. Henry Friesen, President of the Medical Research Council.

Dr. Friesen is presently away from the office until early September. I have taken the liberty of forwarding your correspondence to Dr. Lewis Slotin who is familiar with your file. I trust this is satisfactory to you.

Yours sincerely,

Suzane Faltacas
Assistant to the President

Office of the Minister
of Health

Cabinet de la
Ministre de la Sante

Mr. Edward A. Greenhalgh
265 - 7 Regina Street North
Waterloo, Ontario
N2J 3B9

Dear Mr. Greenhalgh:

I wish to acknowledge receipt of your letter of September 13, 1993, with enclosures, addressed to the Honourable Mary Collins, P.C., M.P., asking what the Crown's responsibility is in cases of fraud. Since such matters should be brought to the attention of the Minister Designate of Public Security, I was pleased to note that you also forwarded your letter to the attention of the Minister's colleague, the Honourable Doug Lewis, P.C., Q.C., M.P.

I appreciate your writing to make the Minister aware of your concerns in this matter and I will be pleased to bring your letter to her attention as soon as possible.

Sincerely,

Ursula Appolloni
Departmental Assistant

Minister of Employment
and Immigration

Ministre de l'Emploi
et de l'Immigration

CANADA

OCT 22
1993

Edward A. Greenhalgh
265-7. Regina St. N.
Waterloo, Ontario
N2J 3B9

Dear Mr. Greenhalgh:

Thank you for the copy of your open letter of 19 August, 1993 concerning your situation at the University of Waterloo.

As you may know, in the Prime Minister's announcement on the restructuring of the federal government on June 25, 1993, the employment and unemployment insurance mandates of Employment and Immigration Canada will now fall under the new portfolio of Human Resources and Labour Canada (HRLC). This portfolio retains the lead responsibility for the determination of immigration levels, numbers, categories, and selection criteria, as well as managing the policy and programs for facilitating the integration of new immigrants into Canadian society. This Department will also encompass the former Department of Labour plus social services and income support programs from Health and Welfare Canada, as well as transfers for post-secondary education, the student loan program and social development programs of the Department of Secretary of State.

We believe that by integrating all human resources development programs and income assistance programs offered to Canadians, we will develop a workforce that is mobile, skilled and better educated. This will enable our country to maintain and enhance our international competitiveness.

Post-secondary education falls within my portfolio and I am very interested in supporting efforts to improve our education system. However, since it appears from your letter that you may be undertaking legal action with respect to your complaint, it would not be proper for me to express an opinion that may prejudice the outcome of any legal proceedings.

Thank you again for taking time to write.

Yours truly,

Bernard Valcourt
Minister, Human Resources
and Labour Canada

Heenan Blaikie

LAWYERS
Pierre Elliott Trudeau
DIRECT LINE

Montreal, March 30, 1993

Mr. Edward A. Greenhalgh
265-7 Regina St. North
Waterloo, Ontario
N2J 3B9

Dear Mr. Greenhalgh:

Thank you for your March 26th letter addressed to the Right Honourable Pierre Elliott Trudeau.

Mr. Trudeau has asked me to explain to you that since he retired from public life, he has continued to receive such a volume of correspondence and of telephone calls that he finds it very difficult to concentrate on the things he planned for his retirement.

Consequently, Mr. Trudeau will not be answering his mail or taking telephone calls for an undetermined period of time. This also means that he will be unable to comply with your request for help, and I am therefore returning your documents for future use.

Mr. Trudeau earnestly hopes that you will understand his position and he would appreciate your indulgence in accepting it.

Yours sincerely,

Michèle Sansoucy
Personal Assistant to the
Rt. Hon. Pierre E. Trudeau

Minister
Bureau du
Téléphone: (416)
ministre
(416) 326-5085

Solicitor General and
Correctional Services
Ministère du
326-5075
Solliciteur général et des
Services correctionnels

175 Bloor StE
Toronto ON M4W 3R8

Fascimile: (416) 326-5085

175 rue Bloor E
Toronto ON M4W 3R8
Telephone: (416) 326.5075

Télécopieur:

FEB 08 1994

Mr. Edward A. Greenhalgh
265-7 Regina Street North
Waterloo, ON N2J 3B9

Dear Mr. Greenhalgh:

Thank you for your letters concerning the University of Waterloo. I apologize for the delay in responding to you.

As the matter appears to involve a private dispute between you and the University, I suggest that you seek legal advice. If you believe that a criminal offence has occurred, I would advise you to contact the University police at (519) 888-4911. I am informed that campus police work closely with members of the Waterloo Regional Police Service, and I am confident that together they will fully investigate the matter for you.

I trust the above information will be of assistance.

Sincerely



David Christopherson, MPP
Hamilton Centre
Solicitor General and
Minister of Correctional Services

cc The Honourable Bob Rae
Premier
cc The Honourable Marion Boyd
Attorney General

Office of the Minister
of National Health
and Welfare

Cabinet du Ministre
de la Sante nationale
et du Bien-être social

14 11 1994

Mr. E.A. Greenhalgh
265 - 7 Regina Street North
Waterloo, Ontario
N2J 3B9

Dear Mr. Greenhalgh:

On behalf of the Minister of Health, the Honourable Diane Marleau, I wish to thank you for your letter of February 2, 1994 concerning a formal complaint to the Ontario Human Rights Commission.

I can assure you that the Minister personally is an advocate of the right to pursue higher education, but I hope you will understand that she cannot intervene in matters beyond her jurisdiction. In this respect, I note you have copied your correspondence to provincial authorities who may be in a better position to assist you.

Thank you again for writing.

Yours sincerely,

Ursula Appolloni
Departmental Assistant

Minister of Health



Ministre d

Allan Rock

Ottawa, Canada K1A 0K9

Received
16 Sept 98
IX 1998
Letter was
sealed

Mr. Edward A. Greenhalgh
265 Regina Street North
Apartment 7
Waterloo, Ontario
N2J 3B9

Dear Mr. Greenhalgh:

Thank you for your letter of July 13, 1998, in which you request an investigation into activities of the Medical Research Council (NRC) - I regret that I was unable to reply earlier.

The allegations which you have made are serious; however, you have not provided me with evidence to substantiate them. Without being provided with a clear factual basis in support of these allegations, I regret that I cannot pursue the matter further at this time.

To the extent that your concerns relate to allegations of criminal activities, these should be raised with the police. I see from your letter that you are already in touch with the RCMP.

Once again, thank you for sharing your concerns with me.

Yours very truly,

Allan Rock

Canada

CIBA—GEIGY CANADA LTD.

5-60 Century Avenue
Mississauga, Ontario L5N 2W5
Tel. (416) 557.3400
Fax (416) 621-0755
PHARMACEUTICALS DIVISION

Even C. Vos. MD, PhD
Vice President
Medical Affairs and
Research & Development

CIBA— GEIGY

May 7, 1990

Edward A. Greenhalgh
265-7 Regina Street North
Waterloo, ON
N23 359

Dear Mr. Greenhalgh:

Thank you for your letter of March 30, 1990 in which you request funding in order for you to pursue a PhD in England. CIBA-Geigy does not have a program for support of this kind. However, we do sponsor with the Medical Research Council, studentships and fellowships. This information is attached.

I would suggest that you apply on the relevant MRC Grant Application form and note in the upper right hand corner that you are applying for the CIBA-Geigy/MRC Program.

I thank you for your interest in CIBA-Geigy and I wish you every success.

Sincerely,

ECV/bec
attach.

CIBA—GEIGY CANADA LTD.

5~60 Century **Avenue**
Mississauga, Ontario L5N 2W5
Tel. (416) 557.3400
Fax (416) 621-0755
PHARMACEUTICALS DIVISION

Even C. Vos, MD, PhD
Vice President
Medical Affairs and
Research & Development

CIBA— GEIGY

August 19, 1992

Mr. E.A. Greenhalgh
265-7 Regina Street North
Waterloo, ON N2J 3B9
Dear Mr. Greenhalgh,

Thank you for your letter of July 21, 1992 together with the enclosures.

I regret to have to inform you that we, ourselves, do not do basic, fundamental research **I** in Canada. All our research, both pre-clinical and clinical, is contracted out. The projects we are engaged in are strictly in support of the Company's strategic goals. It is, therefore, not possible to budget support either in personal grant support or operational grant support for the work that you envisage to do.

Thank you for your interest in CIBA-Geigy and I wish you every success in reaching your objectives.

Yours Sincerely,

ECV/bec

HCCI

HCCI Management Services Inc.

4045 Côte Vertu
Saint-Laurent
Montréal, Québec H4R 1 R6

September 11, 1992

800, René-Lévesque Blvd. West 0
RO. Box 6170, Station "A"
Montréal, Québec H3C 3K8
Tel. : (514) 871-5511
Fax.: (514) 871-5635

Edward A. Greenhalgh
265-7 Regina Street North
WATERLOO, Ontario
N2J 3B9

Dear Mr. Greenhalgh:

Upon reading the documentation you forwarded to me on July 31st, which illustrates, your impressive educational background, I can understand your sentiments on receiving notice of a job opening at our Resco Plant for general labourer positions. I would, however, like to clarify that it is the responsibility of our Human Resources representatives to advise all our employees affected by the recent business changes of any job openings available within our organization. This gesture on our part is in no way meant to lessen the importance of our employees' qualifications, and was forwarded to all the Cambridge employees concerned.

It is a fact that our North American business orients itself towards the marketing of our product line and not in the domaine of scientific research. Therefore, we cannot sponsor the type of research project you have presented.

I have asked Mr. Jean—Pierre Kolo to contact you in the near future to assess with you if there are any other avenues that you could explore.

I am confident that your experience and perseverance will lead you to a successful career and I wish you the best of luck in your future endeavours.

Yours truly,

Alban W. Schuele
President

cc: J.P. Kolo

DONALD BUXTON
PRESIDENT

Roussel Canada Inc.

February 25, 1992

Mr. Edward A. Greenhalgh
265-7 Regina St. North
Waterloo, ON
N2 3B9

Dear Mr. Greenhalgh:

Thank you for your note concerning your research proposal. Unfortunately, it does not fit the profile of our current research program or orientation and we must, therefore, respond negatively.

As requested, I am returning all your documentation and I wish you every success in finding a sponsor to fund your activities.

Sincerely,

Don Buxton

Enclosures

Roussel Canada Inc.

BUXTON
IT

February 25, 1992

Mr. Edward A. Greenhalgh
265-7 Regina St. North
Waterloo, ON
N2J3B9

Dear Mr. Greenhaigh:

Thank you for your note concerning your research proposal. Unfortunately, it does not fit the profile of our current research program or orientation, and we must, therefore, respond negatively.

As requested, I am returning all your documentation, and I wish you every success in finding a sponsor to fund your activities.

Sincerely,

Enclosures