

Ken Low: A Life of

Learning

Beyond

Convention

Ken was a mapmaker and explorer of the human species. Although considered by many to be a wise elder, he often reminded people that he was not the source of learning; life was. His role was to help people

learn from it. In that spirit, this exhibit is not so much a biography of his life, but a sampling of his life's learning journey so that others can get sense of what he was striving to understand about humanity and life.

1943 — 1955

Birth and Childhood

Ken was born in Edmonton to Solon and Alice Low on May 21, 1943. The seventh of eight very dynamic children, Ken was exposed to a rich and stimulating learning environment from an early age.

In 1945, the family moved from Edmonton to a dairy farm in Cardston, and then to Ottawa in 1948 after Ken's father became an MP.









1943 — 1955



The Big Questions of Life

Ken was born just a few weeks after the Germans surrendered to the Allies. Because the newspapers

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It appeared to me that there was something about the Holocaust that was very significant for understanding some

were rife with exposés on the extermination camps, Ken was exposed to photos of human cruelty at a very young age. This was the start of Ken's drive to understand the 'the big questions of life.' of the big questions in life about what it means to be alive and human.



1943 — 1955



Living in Two Cultures: Cardson and Ottawa

Even as a young child, Ken made meaning of life in very thoughtful ways. He often said that the experience of being 'bi-cultural' (i.e., living in both Cardson and Ottawa) gave him a unique perspective, with valuable insights drawn from both 'the reality' of farm life and exposure to government and cultural institutions in the nation's capital.

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You're exposed to a level of reality in farming that I think is healthy in a way that my peers in Ottawa had not been exposed to anything quite like that.





1955 — 1961

Teenage Years

After losing his seat in Parliament in 1958, Ken's father moved the family back to Southern Alberta – this time to Raymond, where the Low family was highly involved in the Mormon church. Some of the boys at Ken's new school made him a target. The situation became so bad that Ken began carrying a weapon and the RCMP ultimately had to become involved.

This experience strengthened Ken's drive to understand power, selfefficacy, autonomy, weaponry, and guerilla warfare – inquiry paths that were reinforced by what was happening in other parts of the world – the Hungarian uprising of 1956, the Cuban Revolution in 1959, and the ongoing fight for civil rights in the US.

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[My experiences in Raymond] showed me that one did not have to conform to the expectations of others who are in ostensible positions of power and who are in a position to threaten you.

- Ken Low



The Hungarian Uprising



The Cuban Revolution



1955 — 1961

Young Lions: the Club of Misfits

Ken banded with a few thoughtful and curious boys from school - "misfits" who, like him, were

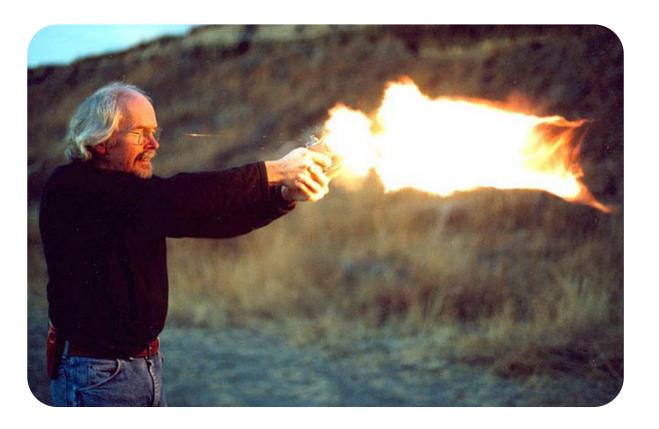
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We were developing an aspirational image of ourselves as serious, dedicated, capable, potentially dangerous

"looking for adventures in life" and were "more interested in science" and current events than in partying, or basketball, or the kind of car to drive." They called themselves the Young Lions and, together, they explored chemistry, physics, firearms, revolutions, explosives, global events, electronics, military tactics, and more. Their home base was an old gravel pit outside of town where they would test homemade explosives and refine their combat skills. The Young Lions remained active until the end of high school when they dispersed to pursue post-secondary education.

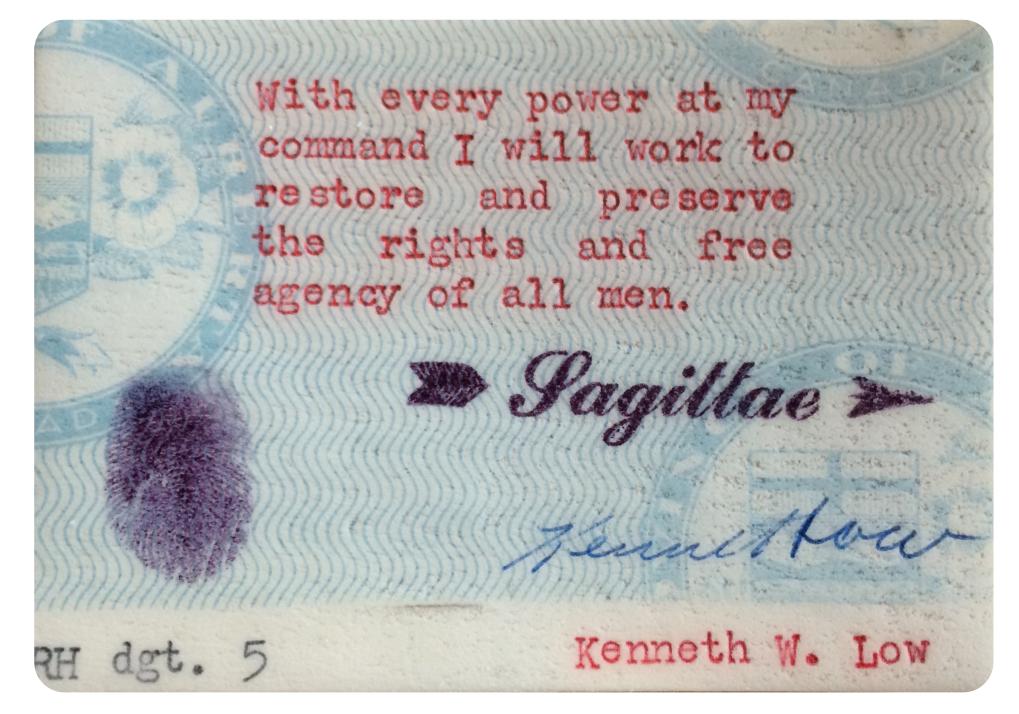
nonconformists.

– Ken Low





Ken's Young Lions membership card (back)



Ken's Young Lions membership card (front)



1955 — 1961

Curiosity of the Human Mind

The global events that Ken was tracking made him curious about human judgment, decision-making, and behaviour. His curiosity was further fueled by the stories he heard from his dad (now a circuit court judge) about the many troubling cases he presided over. In an effort to explain and reduce the cruelty and suffering he saw all around him, Ken began digging into psychology books, including books by Karl Menninger and David Abrahamsen.

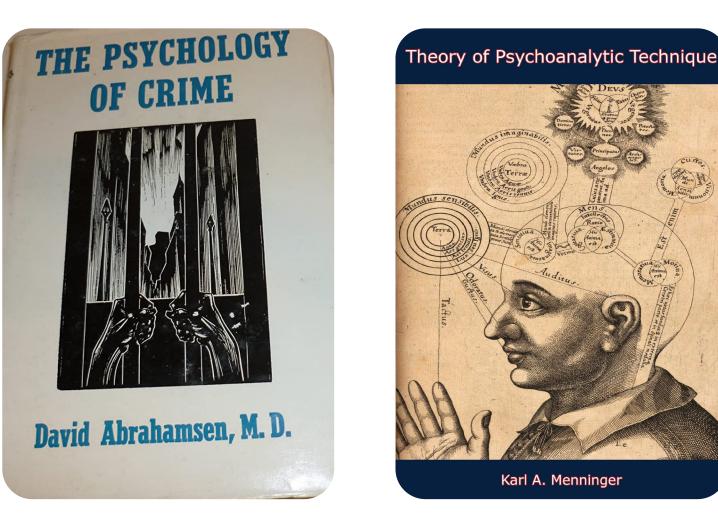
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[These books opened] up a path to explanations of human conduct. You didn't have to fall back on just labelling people evil or bad or wrong; there was a logic to why they do what they do.

These books had a profound impact on a set of inquiries that would frame so much of Ken's work:

Why do humans behave in such harmful, destructive, and selfdefeating ways?

How are we programmed by genetics, experience, and our sociocultural environments? – Ken Low



The books also helped him

How can we shape ourselves in less harmful ways?

What is wisdom and how might humans develop more of it?

to better understand himself, thereby equipping him to understand the complex web of allegiances and responsibilities tying him to the Mormon church. The insights Ken gained from psychology were valuable enough that he ultimately decided to pursue a degree in Psychology at the University of Calgary.



1961 - 1963

An Existential Walkabout

In the Mormon religion, it's customary for young people to go on a mission to spread their faith to others around the world, and Ken's parents were insistent that he take up this duty. Ken was experiencing doubts about the religion and had no desire to dedicate two years to a mission, but eventually bowed to his parents' pressure (with some conditions – he would do administrative work rather than proselytizing).

Ken referred to his years on the mission as his 'existential walkabout.' A walkabout is an Australian

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In interviewing missionaries, it was very common for people [to maintain their faith because] it would be too difficult to live with the disapproval of their family. So I crossed that bridge in a number of

ways.

Aboriginal rite of passage where adolescent men spend up to six months in the wilderness learning to become adults. 'Existential' means the nature of existence – so in Ken's mind, this was a rite of passage where he developed a deeper understanding of what it means to be alive and human and cultivated an ever-growing commitment to reduce harm and support the development of wisdom in our species.



1961 — 1963

Truth

Elders in the church told Ken to 'go along' with the Mormon belief system and pray that "this is the true church of Jesus Christ, and that Joseph Smith was a prophet." Given what he knew about confirmation bias and motivated

reasoning, Ken realized that praying for what you wanted to be true was likely to lead to biased and distorted perceptions – so he took another path. Ken's 'existential walkabout' sharpened his quest to understand truth – what it is, what gets in the way, and how more accurate representations of reality can be achieved. This quest became a central theme in Ken's life journey.

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It is strange how people assume that no training is needed in the pursuit of truth.... We should recognize that for this pursuit anyone requires at least as much care and training as a boxer for a fight or a runner for a marathon.

– B.H. Liddell Hart



1961 — 1963

Travelling Companions

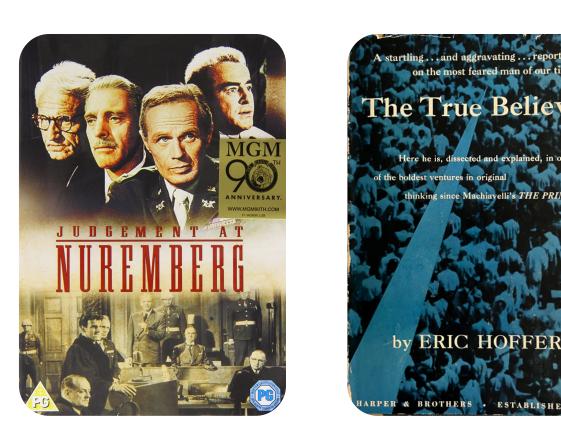
Ken had no physical companions on his walkabout, but he had many virtual companions – all of whom fed his spirit, nurtured his soul, ignited his intellect, and supported

The film *Judgment at Nuremberg*, which triggered realizations about the path he needed to pursue and ignited a deep and lifelong commitment to prioritize truth over

his development. Among them were:

Albert Schweitzer, who had a huge impact on his existential development

Eric Hoffer (author of The True Believer), who helped Ken to better understand the religious and sociocultural dynamics he was seeing and the pressure that others were placing on him to conform

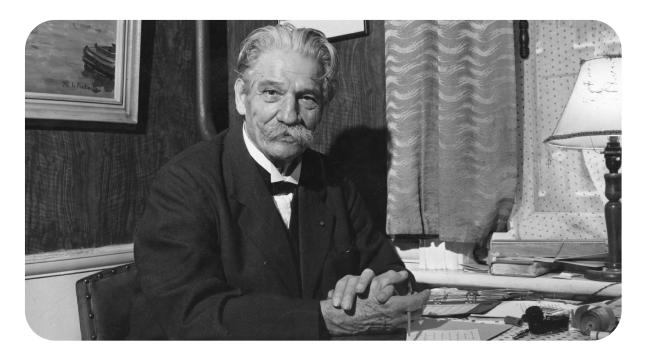


social conformity

Political figures like **John F. Kennedy**. JFK's assassination in 1963 devastated Ken and created in him a deep commitment to furthering the Human Venture (which was Ken's way of describing humanity's pursuit of wisdom).

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I needed to understand the origin of the Holocaust and much of the rest of human suffering, and the





inability of human beings to assess the quality and the veracity of their understanding of situations, and their refusal to do that in the face of external pressure.

- Ken Low



University

Ken majored in psychology at the University of Calgary and completed two years of grad school, but ultimately declined to



'jump through the hoops' required to become credentialed.

Because of his understanding of advanced technology, Ken served as a technical assistant through most of his student years. This gave him opportunities to observe faculty and students "to see how they worked and what was driving them, and why they thought that any of this was actually worthwhile and meaningful."

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I wasn't looking for a degree. I was not really thinking about [university as anything] other than just a continuation of my inquiry and study of life.



Ethology: A Love of Critters

Ken had always loved "critters" and was deeply curious about animal behaviour. Both at home and at school, he surrounded himself with animals, including gerbils, weasels, chipmunks, and colonies of deer mice that he kept on the balcony in the apartment he shared with Janice.

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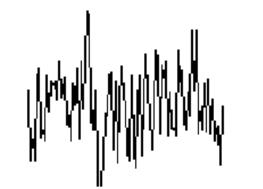
I started to realize [...] that studying the human mind was not enough; I needed to study animal minds and became very taken with a field of study in biology known as ethology or animal behavior.

Ethology (the study of animal behaviour) was relatively new at that time, and Ken read everything he could find on the subject. Extending the scope of his inquires to (other) animals and living things was incredibly productive and profoundly impacted his understanding of adaptive learning, evolutionary drivers, and the way we're 'programmed' by genetics, experience, and sociocultural environments.



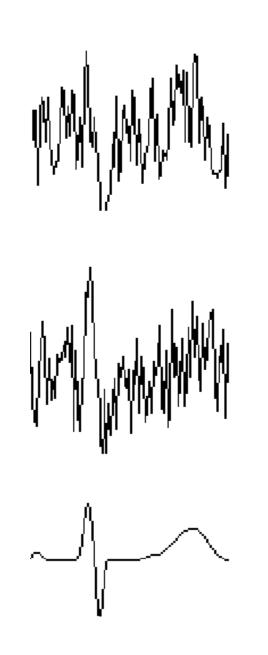


Finding Patterns in the Noise



In 1965, Ken's older brother Mort landed a contract with NASA to develop neurophysiological measures for test pilots and astronauts. Because of Ken's technical expertise, Mort asked him to help run the testing which involved using an EEG to measure brain activity while the pilots conducted a series of simple tasks.

The idea of overlaying multiple examples to distinguish universal patterns in human development had a huge impact on Ken and informed the methodology he used to map out the dynamics of adaptive power and intelligence. Clear 'signals' began to emerge as Ken overlaid examples from a broad range of domains, time periods, and cultures.



In the course of his work with Mort, Ken was exposed to the process of signal averaging, a process to distinguish the signal from the noise.

The results, according to Ken, are "quite magical to see. The first pass is just a bunch of squiggles. The second pass is the same. On the third pass, you begin to see fewer squiggles in some parts of the line. By the time you get to about 12 passes, the signal is completely clear - there is no noise in it at all."

The patterns he discerned provided significant insights into how individuals, organizations, societies, and civilizations learn, as well as how and why we fail to learn.

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The universe is so complex. There's an awful lot of noise and

we don't know what to attend to and what not to attend to.

- Ken Low



Family Life

Ken met Janice in a sociology course at the University of Calgary in 1965 and, after a short 'whirlwind' relationship, they were married. Kids

In David's words, he and his brother were "hyper-empowered and enabled – almost to a fault…" David sometimes wanted Ken to exert

soon followed, with David arriving in 1967 and Jason following in 1971.

Jason says that his dad's approach to parenting was based on three simple tenets: "Love them, feed them, and try to learn from one another when you can." Not surprisingly, Ken's fierce commitment to autonomy, mastery, self-control, and adaptive learning dictated the types of learning experiences his sons were exposed to. As a result, David and Jason had a very unconventional childhood, one that included activities like blacksmithing, rope walking, stilt walking, backcountry camping, sluiceway construction, and – when they were a little older – firearms and motorcycles.

a little more authority or control. Jason would have liked a little more structure at times, saying that Ken and Janice "treated the world with a degree of fascination that would override all other activities," including regular mealtimes.

In addition to developing his boys' capacity to engage with challenges, Ken also instilled a deep reverence for the natural world and demonstrated "unconditional love and openness" in his relationship with them. Jason says they knew that "no matter what was happening," his parents were there for them.



Ken and Janice's wedding photos



Ken and Janice newlywed





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I remember when I was a teenager, dad asked me 'What would you do differently if you were me.' He treated me like an adult – so that was special. [...] He respected our capabilities – sometimes in ways that weren't warranted. He just really wanted the best for Dave and I.

– Jason Low



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My dad always had all kinds of critters, and he

was so caring for all of them. We'd go to the zoo and he would sneak Kleenex in [to give to the rodents]. I asked why and he said "they're bored! They need enrichments." He was feeling bad for the little critters in the zoo so he's sneaking in Kleenex so they can make better nests. [...] He had a natural respect for all life. He showed us that there's a lot you can learn from life – even from a mouse, that all life has intelligence.

– David Low



Hippie Drug Educator

In the 1960s, the use of mind-altering drugs was becoming more common, especially among young people – and Ken began to develop an interest in understanding how and why people were using these substances. The dominant narrative was that people who used drugs were social deviants but, based on his observations, Ken didn't believe that to be true. To test this, he conducted a huge survey of drug users which he administered (believe it or not) through Calgarybased drug dealers. His hypothesis was confirmed – all types of people were using drugs for all kinds of reasons.

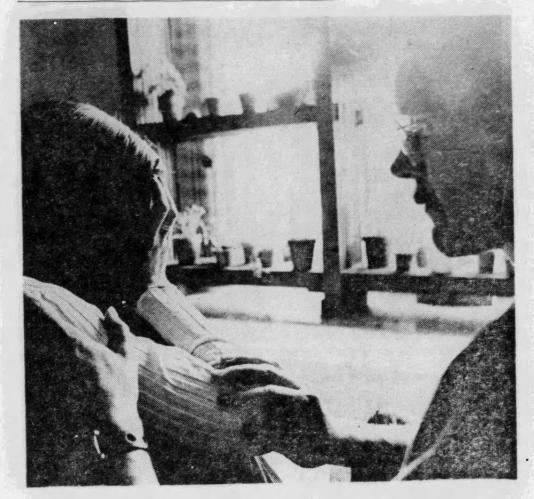
in newspaper articles on the subject – but, with his long hair and granny glasses, Ken didn't look like most 'experts'. Many of the articles referred to him as a "hippie," a "rebel," or the Canadian version of Timothy Leary. During this time, he argued strongly against the practice of locking up kids at Spy Hill for "two years less a day" for drug possession and fought with police officers who, he felt, were doing harm when they effectively forced kids to inform on their peers.

Ken wanted people to understand the truth about drugs rather than make decisions based on scare tactics that were common at the time, so he left graduate school to co-found the Drug Information Centre (now known as the Distress Centre). During this time, he became known as a subject matter expert and was often featured In a decision that was hotly contested by the Calgary Board of Education (CBE) trustees, Ken became the Coordinator of the Drug Education Program for the CBE. After leaving the CBE, Ken would go on to develop resources for AADAC (now called the Addition Recovery Centre), including a series of educational videos, and would draft an addictions prevention manual for the Department of National Health and Welfare (Health Canada).

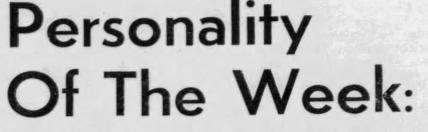




4 HERALD MAGAZINE Friday, Sept. 11, 1970



The kaleidoscope that is Ken Low . . . a helping hand



As Head Of The Public School Board's

Drug Education Program,

Ken Low Has A Mandate To 'Teach, Not Preach'

By JACQUES HAMILTON Herald Staff Writer

Looked at through a kaleidoscope, Ken Low shatters into a thousand fragments of light and color. That's the way most people see

him. It is barely three years since this elusive, soft-spoken man first emerged as a voice of authority on Calgary's drug scene. In those three years, he has accumulated dozens of devoted if often baffled - followers; some of whom go so far as to imitate his dress

and even his wispy moustache. At the same time, he has accumu lated dozens of devoted --- if equally baffled - enemies who see him as a misguided messiah on a motorcycle. The majority of people in Calgary, up to now, have been spared the struggle of trying to understand the man. But today he is in a position where he will be influencing the structure of thousands of Calgary families, and many kaleidoscopes will be fixed to many eyes.

Ken Low today is in charge of the Public School Board's new drug education program. Even though he was chosen for the post only after some bitter in-fighting among board trus-tees and administrators — and only after some administrators stuck their necks out a mile for him - Ken isn't in a soft-peddling or compromising ood about how he'll handle the job.

loud and bitter fight - and that trustee Harald Gunderson, among others, did his best to have the issue reopened in the public board meeting that followed, and failed.

The next day Mr. Gunderson took to the phone-in radio shows and to the letters-to-the-editor columns to voice his objections.

"There are going to be some hassles," Ken suggests with a grim smile. A picture often offered of Ken Low is that of the son of one of Alberta's more prominent politicians, the late Solon Low. Ken is seen as an articulate, intelligent young family man with a strict Mormon background, and with enough political knowledge to warrant nibbles from the Social Credit party.

But turn the kaleidoscope a bit and Ken Low turns into a bell-bottomed, granny-glassed hippie with long blonde hair and a big green metorcycle.

Disturbing. As disturbing as sitting at a service-club luncheon and listening to Ken quietly clue in a group of business men to the intimacies of the mescaline or hashish experience - with facts he gathered from his own use of the substances. Such public frankness inevitably causes a furor — a furor that makes Ken wince. But he feels he has to go on saying what he says until somehow he manages to bring the issue of drugs into perspective. 'Drugs can be fun or interesting

in a number of different ways," he

insists, "and we should not be afraid

in some degree dangerous that are

also fun and interesting. A sensible

person will carefully weigh the poten-

tial liabilities and assets of a given

opportunity without giving undue

people claim to get from using drugs.

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survey of marijuana use in the city two years ago. He never computed the results.

The survey forms, filled with invaluable, detailed information, sit in a cardboard box on top of a filing cabinet, gathering dust. He just never got around to doing anything with them.

. . . Ken Low sits on the floor of the Drug Information Centre, a young girl cradled in his arms. The girl is suffering through an LSD trip turned nightmare. Gently Ken talks her back to the point where she can cry again. Ken Low gets a lot of tear stains on his shirts "I wish," laments one friendly but exasperated police acquaintance of Ken's, "that he'd finish something sometime Some of Ken Low's critics see in him the makings of a drug - loaded guru — someone along the lines of a Timothy Leary. Ken brushes the suggestion aside Although he may no longer be a Mormon, he points out that the only time he used drugs was during controlled experiments in sessions with street users. He doesn't smoke and rarely drinks. Ken's closer acquaintances insist that his refusal to use intoxicants is not a reflection of his judgment of the drug scene. It is simply that he doesn't need intoxicants. Ken himself echoes the appraisal when he outlines his feelings on the best way to steer young people away from drugs: "There are a number of people who aren't familiar with the ways you can turn people on. You can turn them on to life, or to learning - to a lot of interesting things that go on and on. And once we get these people going, once we get them lit . . ." Ken spreads his hands and laughs. Ken, right now, is "turned on" to his new job as head of the drug education program. And it is in this area that he is most conscious of the staring kaleidoscopes. A growing number of parents are becoming aware that what this man feels is probably going to be reflected in Calgary classrooms this fall Ken's mandate — the one that made him try for the job in the first

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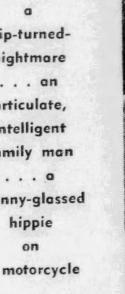
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place — is to "teach, not preach"; the policy the board set when it decided last spring to introduce a drug education program at the high school level.

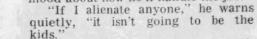
Ken intends to take the mandate literally — although he knows there are people who think the schools' responsibility when talking drugs to young people is "to put the fear of God in them.'

"People who would use the scare approach," he says, "would have us live in a world governed by fear. In fact, many of these people live in a world of fear themselves, being locked into a fundamentalist system of values and maintained by an apocalyptic vision of retribution and opposition. "A healthy fear is one born of a realistic appraisal of the probable dangers involved and how they come about. "Any other fear is born of ignorance and superstition. "During the past months here, at the drug centre, I've had a chance to watch a lot of kids. "And really, in any absolute sense, drugs don't seem to be a problem. The cases we see in here where people are really messing themselves up are, without exception, really lifecripples "They already have a problem and drugs are just making it worse - or sometimes the drugs just allow them to express the problem. "We see a lot of this (the latter), this type of reaction, that doesn't have anything to do with the drug itself. "Somebody crying for some kind of help: saying 'Look, this is a lousy, stupid system and I want to let you know I just can't carry on like this anymore.' And they use the drug as some kind of excuse for breaking loose and saving it. "If it weren't for unhappy, miserable lives, drugs wouldn't be a problem. Ken Low sits with his back to the file cabinet and the dusty, neglected drug survey. "You know." a young drug volunteer said once, "Ken Low is almost some kind of saint. Saint, Solon Low's son, misguided messiah on a motorcycle . . . The kaleidoscope keeps turning.

a young girl suffering through trip-turnednightmare . . . an articulate, intelligent family man . . . 0 granny-glassed hippie on a motorcycle







To many people that doesn't sound like a reassuring attitude to those who would treat all drug-users as pathological criminals.

'Most people who're using drugs," Ken suggests casually, "have a reasonably adaptive life "I'm not sure I want to categorize the drug-using pattern as any particu-

lar kind of thing. "It may be escaping or a cover-up - or it may be a perfectly legitimate activity as far as the kid is concerned. Because he is entertaining himself or he is covering some kind of ground in a psychic sense. Or he is maintaining a peer-group orientation - which we accept quite readily if it's peer-group orientation in other

ways. "For peer-group orientation, we'll go to war for very silly causes and end up killing ourselves and other people. It's a respected principle It may simply be that what a kid has to do to maintain status in a group is use more drugs - or use them more often or something like

that. 'We can't brand this as being pathological or sick in any way." Publicly, no one has said exactly what went on in the closed school board meeting where Ken Low was chosen as head of the drug program. It is known, though, that it involved a

people; not enough spiritual involve ment, not enough open personal contact, not enough aesthetic involvement. "The drug problem won't be solved until we stop bickering about faults and responsibility and start pulling together. "Responsibility isn't worth much unless it is accompanied by good in formation, the ability to make deci sions, and the patience or persistence to follow through "These things must be learned -

and we don't seem to have done a good job of teaching them.' Ken Low sits in a position of influence of five drug research programs-including the position of vicechairman of the provincial commission on alcohol and drug abuse. He describes these appointments as "ego trips." Ken Low conducted Calgary's

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FROM B1 / NORMAL

judgment. In building our society we seem to have eliminated as many things that might test judgment and self-control as we possibly can, for the very practical reason that failures of judgment are often messy and inconvenient. We are working toward a kind of social Disneyland where there is a sensation of risk, adventure and discretion but not the reality.

This is an important back-drop to any consideration of drugs. There isn't a social framework to discuss the issues of selfcontrol that are involved, so we tend to blame the drug for anything that goes wrong and ignore the judgment and selfcontrol of the drug user. Individuals are often happy with this arrangement. Life is much easier when you aren't responsible.

That is not to say that everyone can control their intoxicant use. Learning to exercise good judgment in using intoxicants is like any other skill; genetic make-up, previous training and current circumstances

tions. The only reason for taking drugs then is being pushed into it by evil forces. By taking this approach we infantilize people's judgment even further, and make it even more likely that they won't be able to make wise judgments in the real world. The greatest problem with drugs is not their danger, at least not directly. It is their attractiveness and convenience. They are dead simple to use. If you can swallow you can get there. So people tend to use them a lot, often to the exclusion of other things that they could and should be doing to

keep themselves in shape for life. When people don't exercise their powers, they start to decay. People with decayed personal powers can't do anything that requires initiative or self-control, and they are trapped into the easy things like drugs, sex, sleeping and watching TV. This is what decadence means.

Not all drug use is without challenge. Adults often accuse teens of looking up to kids who get drunk. They miss the point. What teens admire is not the kid who gets smashed, but the kid who can drink quite

(Third of a five-part series)

Drug use is normal human behavior

By Ken Low Special to the Citizen

ARGUMENT

CALGARY The first thing people should know about drug use is that it is a very difficult subject to approach rationally. The issue s surrounded by protective stupidity, the same sort of wilful ignorance that permitted the German nation to accept the Nazi myth that Jews were the root of all evil, and to persecute anyone who questioned this belief. Societies have always invented scapegoats when confronted with problems they couldn't or wouldn't face directly. Scapegoats provide a concrete base on which to heap public anxieties and uncertainties, providing an illusion of understanding and control. Our society is anxious and uncertain about a lot of things these days, and drugs have become our scapegoat. Politicians or anyone wishing to appear to have the public interest at heart can win support by attacking drugs. In this atmosphere the myths and stereotypes carry more weight than the facts. So what are the facts? Firstly, drug use is normal human behavior. That is, most adults in

almost every society use mind-altering substances from time to time, and have done so for thousands of years. The use of drugs is not confined to the human species. A few animal species also seem to like to get high by eating fermented berries or intoxicating plants. This doesn't mean that there is a specific natural "drive" to become intoxicated. It just means that

Why is intoxication attractive? For the same

reason getting "high" on towers is attractive.

When cities build towers people come from all

over just to get "high" on them. It is not difficult

to understand why. People don't like boredom and

boredom is a lack of change. Being high changes

things. What you do with that change is up to you.

about drugs is that they are tools. More important

than the tool is the intent, judgment and skill of the tool user. Drugs can't make people do things,

any more than towers can make people do things,

although both open up options, and some people

may be totally unprepared to deal with the changes the tool provides. This is a difficult

concept to grasp in contemporary society because

we don't pay attention to developing judgment and self-control. It is easier to make the tool fool-

proof or place it off-limits than to develop

Please see NORMAL/B4

One of the most important things to understand

It is wrong to let kids risk their lives

By R. Paul Welsh Special to the Citizen

There need be no mystery about alcohol and drug dependence prevention. Parents need just a few facts, some thoughtful planning, and to not feel helpless and

let children risk their lives with alcohol or drugs when they are too young to judge the dangers. Intoxicated teens risk accidents, injury, high-risk sexual behavior, violence, crime, school problems and addiction.

Alcohol is usually the first, the "gateway" drug teens use. Our schools, hospitals, family and



(Ken Low, former co-ordinator of drug education for the Calgary School Board, is president of the Action Studies Institute, a private think tank in Calgary.)

resigned it is an option that some critters find attractive.

To prevent teen substance abuse means to start at the crib, to delay experimentation, and be able to deal with it with sanity, love, firmness and respect if it happens. To put all the facts in a short article isn't possible, but we can make a start.

Alcohol is not a harmless drug, especially for young teenagers. It is addictive, just like tranquillizers, sleeping pills and street drugs. It is easier to buy and heavily advertised. About a quarter of all hospital admissions are to people with alcohol or drug dependence. Millions in taxes are gleaned from alcohol and prescription drug sales, while billions are spent by government to cope with their abuse. Addiction is not to be taken lightly.

Not all alcohol or drug use is dangerous. There is no moral imperative beyond this: It is wrong to

(R. Paul Welsh is executive director of the Rideauwood Institute, a provincially-funded addiction counselling service in Ottawa.)

children's and youth service are beleaguered by teens with drug or alcohol problems. Our addiction services have waiting lists so long, and the absence of any residential treatment service in Ottawa is so bad, that hundreds of teens go to the U.S. each year for help.

This is no myth or imagined bogeyman. It's a daily frustration for those of us working with adolescents. It is a tragedy.

Most adults don't have alcohol or drug problems. But eight to 10 per cent do. One person in six is affected by a family member's addiction. Why are some at such high risk and not others? Who are the ones in danger?

Children of alcoholics first. They live with insecurity, abuse, grief, neglect, fear, loneliness, helplessness and shame. Other families can present similar emotional risks, such as seeing a parent be emotionally or physically abused; or being sexually abused; or coming from a family where the unlucky single mother on welfare can't afford good food, shelter, recreation or school Please see RISK/B4

all make a big difference.

There are some people who find it very difficult to control their intoxicant use, and it would be foolish for them to continue. Others do not seem to have too much trouble, although it often takes a year or capacity. more of experience to develop enough discretion to avoid even the obvious prob-

lems. Many of our prevention strategies are counter-productive. We oversimplify the issue by equating drug use with drug abuse and drug abuse with physical harm. In fact, a relatively small proportion of users of any kind of drug, legal or illegal, become serious abusers or suffer significant physical damage (with the notable exception of tobacco).

But we don't want to admit that. It is far easier to make the drug seem dangerous and uncontrollable with no real attrac-

a bit without getting smashed, or the kids who can function in the morning even though they are severely hung over. This is similar to mountain climbers who climb at altitude without oxygen so they can develop the capacity to function in diminished

This is a real test of control, and is rightly recognized as an accomplishment. In a 'judgment-sanitized" society, many teens find the challenge of keeping it together after drinking is one of the few real tests of self-control they experience. The issue is not saying no to drugs. The

issue is building a society that develops strong people who can make intelligent decisions.

(Ken Low, former co-ordinator of drug education for the Calgary School Board, is president of the Action Studies Institute, a private think tank in Calgary.)

FROM B1 / RISK

activities; or where parents are too busy with job, career, or volunteer work. Such kids often have little to feel good with. The risks are high for attachment to the quick temporary relief of getting stoned. It's often the careless or unwitting adult

who teaches or allows early learning about getting high, especially at the age where it's necessary to learn constructive ways to cope with life. Most teens and adults in addiction services describe getting high as a pattern that began at ages 10 to 12. So, how to prevent this in your child?

Start by being careful when and how you drink. Avoid intoxication yourself, and in friends around your children. Kids will do what you do, not what you tell them to do.

Practise talking to your children as if you love and respect them even when they make mistakes or do wrong. They'll be less likely to conceal alcohol or drug use. Pay attention to children's feelings, thoughts and reactions. Show respect and able. curiosity about their perceptions, talk about your past and present hopes and dis-

appointments and joys and concerns. They'll be less likely to fear and avoid their own, and to talk about them to you. Don't ridicule mistakes or use shame to punish. Those powerful weapons set up a child to get high to escape those feelings. Learn about teens, alcohol and drug use. Take courses. Join or organize groups of

interested parents and talk to other experts. Let your politicians hear about your concerns on the need for more treatment and prevention resources. Know who su-

pervises the parties. Plan ahead what you as parents want to show and tell your children about life, fun, alcohol and drugs, respect and safety. Plan how to set standards and the expectation that intoxication in your child is not accept-

Be ready to deal with it firmly and with love if it happens.

If there is alcoholism in your family, know that this topic may be difficult for you as a parent, as it may have been as a child. There is no need to be overly fearful. It is

dangerous to be cavalier. Thought and care and love and moderation will stand you and your children in good stead.

(R. Paul Welsh is executive director of the Rideauwood Institute, a provincially-funded addiction counselling service in Ottawa.)



Skills for Living

In the thirteen years he worked with the CBE (1970–1983), Ken came to realize that avoiding selfdefeating behaviours like addiction required the development of "living skills" – skills for building resilience, responsibility, resourcefulness,

self-efficacy, confidence, and engagement with life – so that's where he focused his efforts. He captured some of his thinking in a book called Changes which positioned drugs as a form of experience management and argued that the better equipped we are to create soul-satisfying experiences for ourselves, the less likely we were to develop addictions. His work in this area gave him deep insight into human decision making and control and provided a foundation for the Human Venture Meta-Framework.

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The mechanics of the addictions are this: it's a destructive dependency. So the critical issue here is how do you develop a productive independence? [...] If young people were making poor choices we had to ask why, and what could we do to help them make better choices in life?





Can Do: A Program for Empowering Youth

Ken realized that our sense of self-esteem and self-efficacy

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Whatever else we seek to accomplish with kids, we should be seeking a way to solidly connect them to the human story

and to the adventure of the human story.

is developed through effective engagement with real-life challenges – so he created experiences where kids and adults could be supported to engage with challenges productively. One of these programs, Can Do, was designed to help elementary school kids explore human ingenuity, understand how and why to learn, build life-long learning attitudes and skills, cultivate a growing sense of confidence as a learner, and develop a sense of personal power.

- Ken Low















The Realization Program: Empowering Women

The Realization Program was designed for women who had experienced major setbacks in life. By developing competence in a range of areas – welding, backwoods survival, motorcycle riding – the women developed a greater sense of confidence, self-esteem, selfefficacy, and engagement with life.











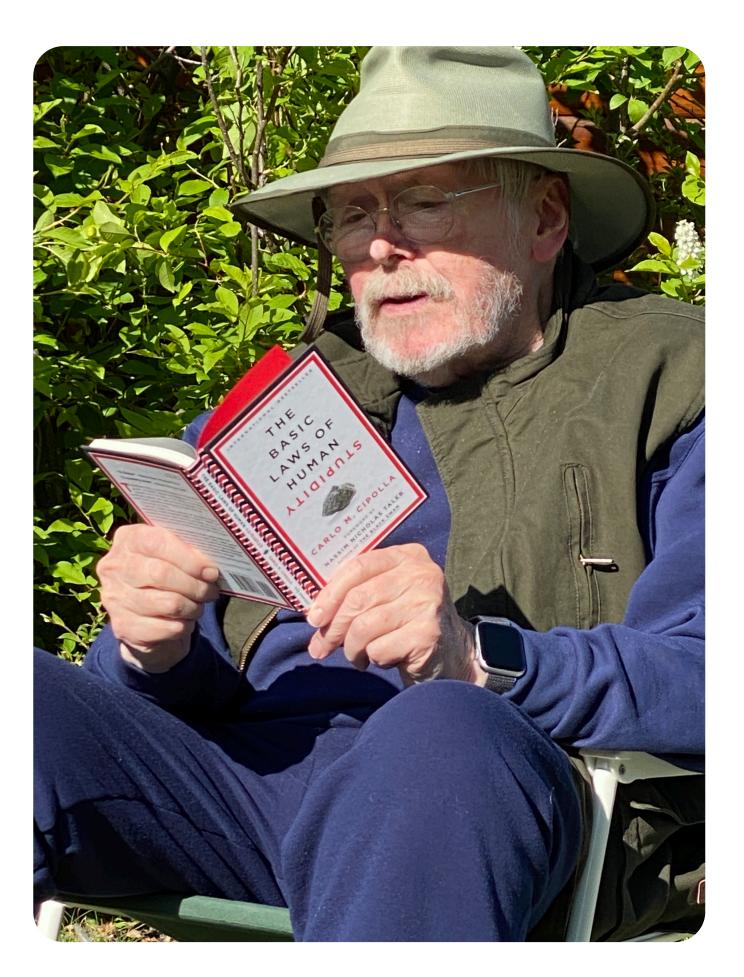
Action Studies Institute

When Ken left the CBE in 1983, he was determined to continue his research on adaptive human development, and set up the Action Studies Institute (ASI) with a focus on "exploring the nature of intelligent action." His first contract under the newly incorporated institute involved working on the Commission on Tolerance and Understanding, an inquiry that was undertaken when news broke that a teacher in Eckville had been spouting Jewish conspiracy theories and Holocaust denialism to his students for several years.

Ken's contracts were varied and including everything from developing certification standards for helicopter sling rescue operations to designing a process to engage parents and community members in addressing low enrollment in inner city schools. During this time, Ken was also engaged on the public speaking circuit and served as President of the Calgary Council For Advanced Technology (C-CAT), an engagement that helped to push his thinking about "the ecology of innovation."

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I would not take contracts unless they would connect with either the research that was already in place or new potential areas of research they could open up.





Working with the Inuit

One of Ken's longer-term ASI contracts was working with the Inuit in northern Quebec. Activist and Inuit leader Sheila Watt-Cloutier happened to see a television program

(self-authorization, judgment, and operational capacity). He often quoted Johnny Morgan and included his definition in the 'map book' that outlined his research findings.

featuring Ken. His approach to youth empowerment and development resonated deeply with her and she thought he might be able to help her people in the design of their education and training systems. The Federal government had recently relinquished control of the Inuit schooling system, and Watts-Cloutier invited Ken to serve on the Nunavik Education Task Force and help them to draw on the best of Inuit values and traditions in ways that would equip their young people for life.

Ken began by asking the Inuit elders how they would define wisdom. One of them, a man named Johnny Morgan, responded by saying, "In our traditional way of teaching, the aim was to develop wisdom. A person became wise when they could see what needed to be done and do it successfully without being told what to do." This definition delighted Ken because it captured what he saw as the three-part structure of wisdom Ken's engagements with the Inuit prompted many reflections on how to design learning systems that more adequately prepare young people to "handle the problems and opportunities of their time and place in history."

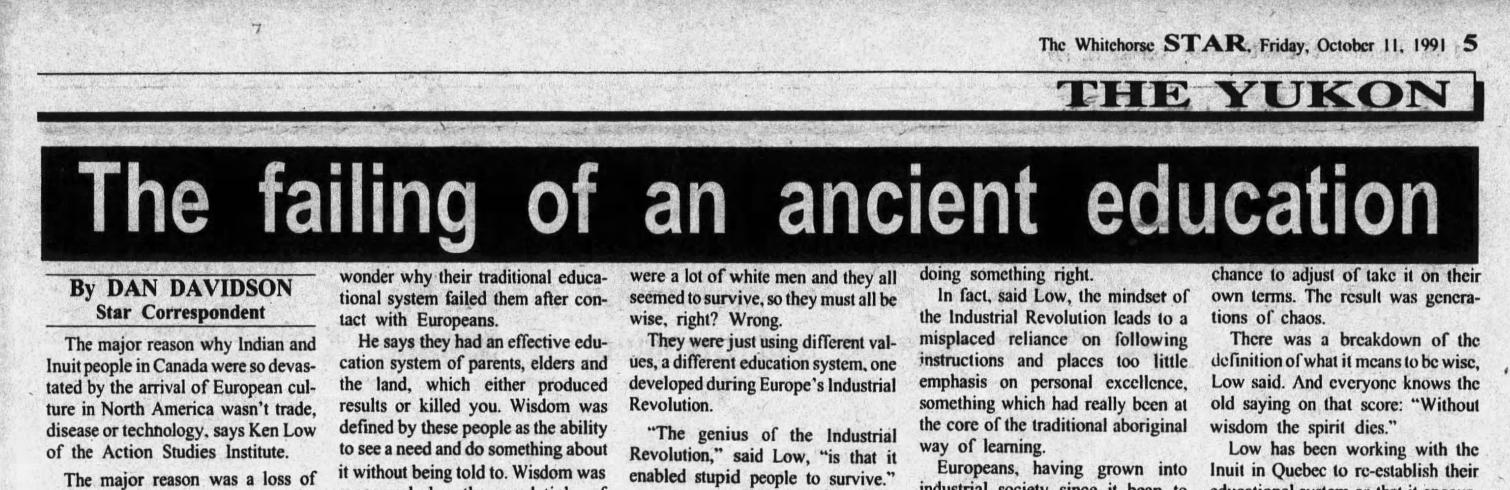
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A person became wise when they could see what needed to be done and do it successfully without being told what to do.

– Johnny Morgan,

Inuit Elder





industrial society since it bean to develop in the 1750s, have learned

Inuit in Quebec to re-establish their educational system so that it encourages the development of the lnuit

their traditional systems of education. Addressing 700 teachers at the recent Yukon Teacher's Association Conference. Low used this as an illustration of his main points about the need for quality education.

identity caused by a break-down in

Low's recent experience with the Inuit in Northern Quebec made him

"Survivors are the wise people," said Low, striding across the stage. And those who aren't wise? Simple. They die.

measured by the yardstick of

survival.

"That'll be an 'F'," he quipped. The arrival of Europeans changed the lnuit perception of things. There

Europeans and tended to erode their own sense of purpose. They thought that titles, pomp and circumstance indicated wisdom. Even though they could see that white men weren't particularly brilliant within an Indian frame of reference, there were so many of them that they had to be

This was confusing for non-

subtle ways of coping with its influence, one of the major ones being a sort of "creative disobedience." Low calls this "an essential survival skill in our culture."

North American First Nations had the entire impact of industrial culture hit them all at once, without any

spirit, as well as providing access to global culture and meeting or exceeding North American academic standards. He said that no one system could do all of this by itself, and that the resulting model will probably be one that uses several diverse systems to accomplish these different ends.

Revolutionizing education is not easy

By DAN DAVIDSON Star Correspondent

"If engineers paid no attention to why their bridges fall down, we could hire them as educators," Ken Low said at the beginning of his keynote address at last week's 1991 Conference of the Yukon Teachers' Association.

He said it with a smile, though. Low, the founder and president of the think-tank known as the Action Studies Institute, is known to be somewhat provocative in his views on education. While he has never been a teacher, as such, he has worked extensively with the Calgary Board of Education (1970-83) and most recently with the Inuit of northern Quebec.

He says he has a lot of sympathy for teachers who struggle to make the education system work on a day to day basis. When he speaks of faulty engineering, it seems to be the system itself he is talking about.

"No major educational reform attempted in the 20th century has

worked," Low stated, adding a prediction that the "Year 2000" initiative currently under fire in British Columbia — and under development in the Yukon — will not be an exception to this rule. While discussions about educa-

tional needs and changes go back to the early 20th and even late 19th centuries, nothing seems to have had a permanent impact upon the educational system itself. Low read from an 1896 education-

al survey book to show that pretty much the same things were being said then about the need for experiential methods in teaching science as are being said today. In between that time and this there have been a number of reforms intended to change the nature of science teaching in North America. There was a small bump of activity in the late 1950's, right after the Sputnik scare convinced everyone

that the Russians were ahead of us in science. But very soon the educational system had teachers back to teach-

ing about science rather than about how to do science. The difference is form versus function.

"We know the problems," Low said. "Why can't we answer them?" The biggest answer to this question is that setting goals in education isn't easy. The task is far more complicated than the building of a bridge. The purpose of a bridge is easy to see, while the purposes of education aren't so simple. Low suggested that we've lost track of what we want education to do. He had some suggestions for what he thought it ought to be doing.

"Learning is finding out how to direct your attention to the most significant parts of the environment," he said. Lifelong learning, he continued, is the ability to apply to yourself the pressure that is needed to keep your mind engaged in this process. This

used to be called "building character." Character building tends not to institutions.

Low was not positive about the effect of the educational establishment upon teaching and learning. He maintained that it tended to impair innovation and support conformity rather than encourage examination of real issues.

Low said there is a need in education to move towards the construction of wiser systems and social structures, systems which encourage and nurture character. We can no longer afford to be stupid people. "Pressures against this are building from all sides," Low said.

He said we have lessons of character to learn from our ancestors, who

were a lot smarter in this area than we tend to give them credit for. The good happen under established news is that those lessons are preserved and can be revived now.

The educational system, said Low, needs to encourage innovation without co-opting it or trying to force it into prescribed paths.

The real need in education is not so much to teach people about things as it is to teach them to be self-directed.

Low said perhaps the North in general, and the Yukon in particular, could get a head start on this revival by refusing to commit all the errors that have been committed in the larger Western society, before moving on to what he sees as the solutions. His message was warmly received by the 700 teachers in the F.H. Collins High School gymnasium.

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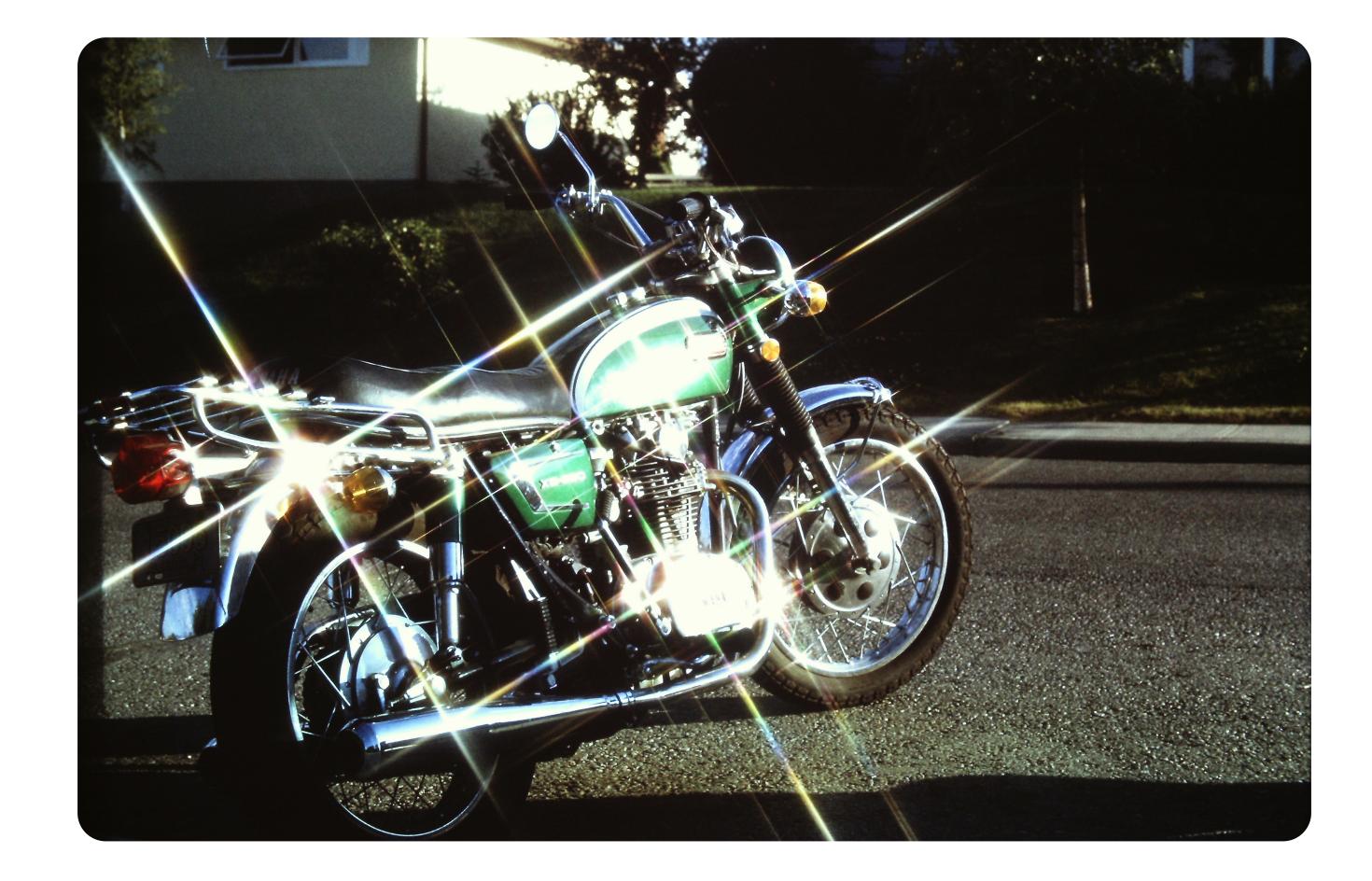
Education can be seen as everything a society does

to prepare its people to handle the problems and opportunities of their time and place in history.



The Motorcycle Accident

In 1989, while on his beloved motorcycle, Ken was hit by car at the intersection of 14th Street and Northmount Drive. Ken had taught motorcycle safety and was a very skilled driver. "One of the standard configurations that we would teach people," he said, "was the dangers of being hit by an oncoming vehicle that's doing a left-hand turn." Sure enough, that's what happened to Ken. The car crushed Ken's left foot, which had to be partially amputated, and tore the skin off much of his lower leg. These injuries and others (including crushed vertebrae from a hanggliding accident years earlier) meant that Ken lived with chronic pain for much of his adult life – but he said the pain was a helpful reminder of the suffering of others and helped to fuel his desire to prevent it.





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I decided that I'll just learn how to live with [chronic

pain], and then I'll interpret it in a different way. So I just use it as a reminder of the fact that every day there are tens of thousands, millions of people who have far more real pain in their lives than I do. So it becomes a connector between me and the rest of humanity that's experiencing pain... many, most, with more grace and humour and tolerance, and persistence than I have. So it becomes a positive thing. It becomes a friend. Not entirely a welcome friend, but a friend that I've had to learn to live with. And a helpful friend, because I can use it as a reminder of other things that are terribly important.



Leadership Beyond Convention

In the late 90s, Volunteer Calgary asked Ken to develop a leadership program that would better equip community leaders to address the challenges of a complex and rapidly changing world. Volunteer Calgary was eager to develop a program that was truly leading edge, and they felt that Ken's approach to human development would take the program well beyond conventional approaches to community leadership.

In the fall of 1999, 23 individuals from the private, public, and notfor-profit sectors gathered for the first year of Leadership Calgary programming. Leadership Edmonton followed one year later. The leadership programs (now called Human Venture Leadership) offered Ken an opportunity to further map out the dynamics of adaptive power and intelligence and test his ideas with people engaged in addressing complex social issues. The dynamics Ken was mapping became known as the Human Venture Meta-Framework, and the 'map book' he developed to outline his ideas has been a profound source of learning for the over 800 alumni who participated in the leadership programs in Calgary and Edmonton.









We are human 'becomings,' not human beings because our species is young and we are still shaping it.



1999 and onward

Human Learning Ecology: A New Discipline of Study

Ken's life's work culminated in the

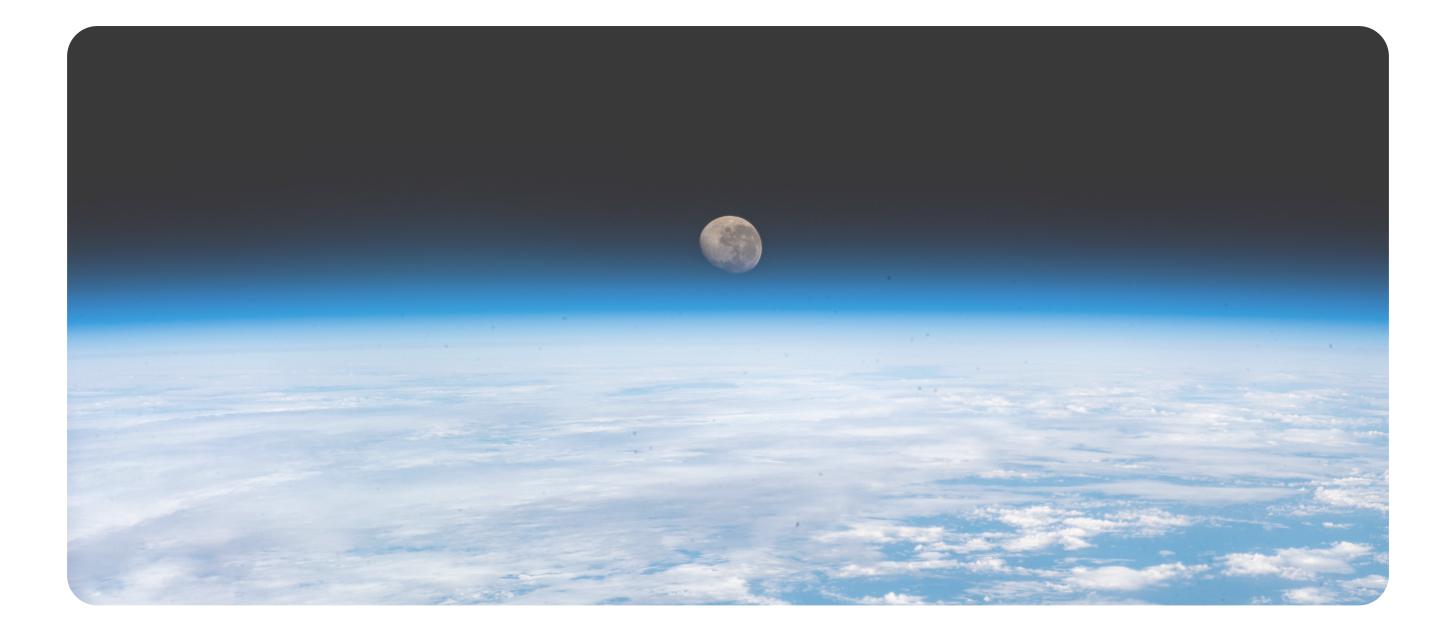
our greatest hope as humans.

development of a new discipline called Human Learning Ecology. Human Learning Ecology draws on patterns of adaptive and maladaptive development across cultures, time periods, and fields of endeavor. Ken noted that the social sciences were too narrow in scope to understand human behaviour and development. His pattern search extended to all areas of human striving, achievement, and failure - including things like engineering, forensics, and military strategy – as well as to life and planetary systems.

Einstein said that the most incomprehensible thing about the universe is that it is comprehensible - that there are recurring, reliable patterns in life that we can come to understand. And therein lies

Patterns help us to manage complexity and navigate change - they help us to detect the most adaptively significant signals in the midst of so much noise – and this understanding can and should inform our line of development as human beings.

Ken's half-century investment in drawing adaptively significant patterns from the human and life stories serves as a much-needed guide in a world where the rate of change outstrips our ability to develop rules and recipes to manage every new challenge. The patterns he's discerned have the potential to help our not yet "sapiens" (meaning "wise") species course-correct and chart a more promising course into the future.





February 27, 2023

Death

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You are a guardian of the seeds for the world to

come. All that has gone before and all that is yet to come is within you. Through you passes humanity's saving fire. You are running in a relay. This is the moment you have been chosen to hold the torch. You cannot refuse to run.

– Tolbert McCarroll

Ken was diagnosed with metastatic lung cancer in 2016. In the last few weeks of his life, he also wrestled with Covid and RSV (Respiratory Syncytial Virus Infection). Towards the end, every breath was a struggle.

On the last day of his life, a friend asked him how he was feeling about dying. He said he was not afraid; he



humanity's "process of becoming." He explained that each of us can contribute to the venture by seeking to understand the bigger story in which we're all embedded, working to push back ignorance, and striving to increase our species' potential for wisdom.

was just concerned that he maintain his composure. For anyone who knew Ken, this was not a surprise. Like the samurai, Ken kept the certainty of death present in his day-to-day life. When you realize that we're all terminal, he explained, it helps you to avoid the trap of "everydayism" and focus on the things that really matter.

Ken saw his life as part of the Human Venture, the term he used for Ken has now passed the torch to us. It's up to us to carry on the work he has begun. We "cannot refuse to run."



February 27, 2023



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We all die, but each one of us is part of something much bigger – the human venture. We contribute to the venture by searching to figure out what our collective story

is about and striving to realize the best of humanity in ourselves.

- Ken Low

