

Healthcare Summit

Freeport Health Centre Kitchener, Ontario November 12, 2003



No need to take notes

- This Presentation will be available on our web site when I return
 - www.healthandeverything.org
- For more information you can write to me at
 - sholom@glouberman.com



Hobbes

- Hobbes view is that the world is in a natural state of war.
- Every person is at risk
- We contract with others to protect us and give them authority over us
- But if they are more loathsome than the state of war, we rebel.

The Jungle

No rules

Chaotic

Uncontrolled competition

Dangerous

• Wild



The Old Physics

- The Baconian Revolution
- Unlocking the secrets of the universe
- The Clockwork Universe
 - Animals as mechanisms
- Determinism and Laplace's Demon
 - The single pendulum
 - Universal laws are timeless
- Explanation, Causal links and Prediction



Old Organizations

- The Taylorian Revolution
- Unlocking the secrets of work
- The clockwork factory
 - workers as machines
- Determinism and the Management Demon
 - The Pyramidal Command Control Organization



Frameworks

Frameworks for understanding organizations do not merely describe them. They invariably indicate what a "well-functioning" organization is like. And so they place a value on certain structures and behaviours.

As our theories change, so do our views of what is good. The "well-functioning" organization of 1935 would be seen as dysfunctional today.

Sholom Glouberman



Organizations (1935)

Pace	M e a s u r e d		
Structure	Command Control		
Strategy from	The Top		
A c tio n	B o s s d e c i d e s		
W ork Type	Supervised		
Worker	Machine		
	Extension		
Values	S m o o th running		
Survivability	S ta b ility		
Motif	T ra d itio n		
Planning	Just do it		
S t y l e			



Health Care Organizations (1935)

Hospital	General
Type	
Who Knows	Doctors
What they	General
know	knowledge
Distribution	Clinical
of knowledge	experience
Main success	Access and
factor	authority
Management	Administrator
	supports
	superintendent
Authority	Medical
	superintendent
Boundaries	No internal,
	high external
Network	Hospital led



The Apple Orchard (1935)

- The medical superintendent decides
- The orchard is planted
- The apple crumble is made
- Apples cannot be stolen
- Traditions are created



What It Was Like to Work in Them

- Obedience. The Boss is right
- Don't make waves, do your job
- Keep your head down
- Learn your place and stay in it
- Contribute to smooth running

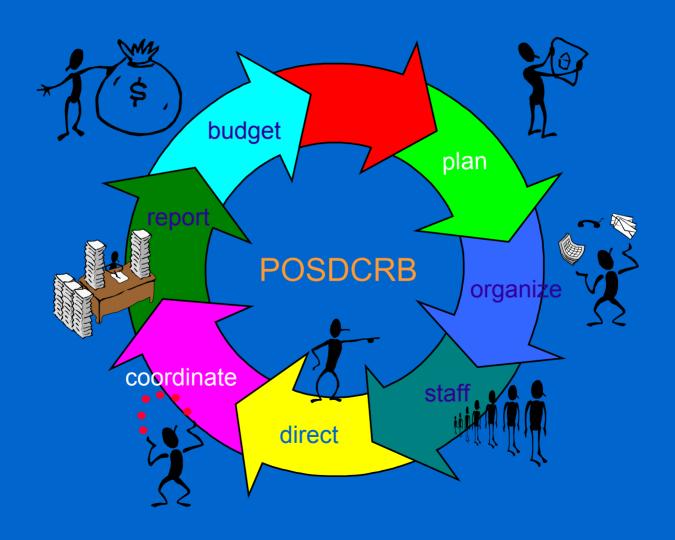


Organizations (1985)

Pace	Faster
Structure	F u n c tio n a l
	C him neys
S trate g ic	Executive board
D ir e c tio n	
A c tio n	Standards
W ork Type	Division of Labor
Worker	S k ille d
V a lu e s	E x a c t k n o w le d g e
S u r v i v a b i l i t y	C o s t e ffic ie n c y
Motif	C hange
Planning	S trategic
Style	p la n n in g



The Rational Planning Cycle





Health Care Organizations (1985)

Hospital Type	Specialty
Who Knows	Many specialists
What they	Niche
know	knowledge
Distribution	Scientific
of knowledge	journals
Main success	Diagnostic
factor	accuracy and
	medical outcome
Management	Specialized
	functions with
	central control
Authority	Your own silo
Boundaries	High in and out
Networks	System planned

75 Professional Groups RCN

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Mental Health Nursing Society
Community Mental Health Nursing
Psychodynamic Nursing Forum
Substance Misuse Nursing Forum
Forum for Nurses Working in a
Controlled Environment
Child and Adolescent Mental Health
Nursing Forum
Cognitive and Behavioural
Pschyotherapy
O c c u p a tio n a l H e a l t h
Cancer Nursing Society
Leukaemia and Bone Marrow
Transplant Nursing Forum
Palliative Nursing Group
Breast Care Nursing Forum
W omen's Health
M id w if ery Society
Family Planning Nursing Forum
Gynaecological Nursing Forum
Fertility Nurses' Forum
Nursing Practice
Cystic Fibrosis Nurses' Forum
Diabetes Nursing Forum
Ophthalm ic Nursing Forum
Critical Care Nursing Forum
Accidentand Emergency Nursing
A s s o c i a t i o n
Rheum atology Nursing Forum
Society of Orthopaedic Nursing
Stoma Care Nursing Forum
Radiology/Cardiology Nursing Forum Respiratory Nurses' Forum
Blood Transfusion Nursing Forum
Dialysis and Transplant Nurses'
Forum
Haemophilia Nurses' Association
Transplant Nurses' Forum
Continence Care Forum
H IV Nursing Society
Ethics Forum
Rehabilitation Nurses' Forum
Perioperative Nursing Group
Children
Society of Paediatric Nursing
Paediatric Community Nursing Forum
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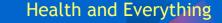
M ental H ealth

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Paediatric Intensive Care Nurses'
Forum
Paediatric Nurse Managers' Forum
Paediatric Oncology Nursing Forum
Community
Health Visitors' Forum
Practice Nurses' Association
School Nurses' Forum
Community Practice Teachers' Forum
Community Nursing Association
District Nurses' Forum
Liaison and Discharge Planning
N urses' Association
TB Nurses' Forum
Nurse Practitioner Forum
Education
Association of Nursing Education
Higher Education Forum
Education Support Nurses' Forum
Community Health Tutors' Forum
Continuing Education Teachers'
Elderly People
Association for the Care of Elderly
Focus on Older People, Nursing and
M ental H ealth
Society of Nurse Inspectors and
Registration Officers
Management
Nurses in Management
Hospice Nurse Managers' Forum
Forum for Independent Nurse
Managers (INFORM)
Occupational Health Managers' F<u>orum</u>
Residential Care Managers' Forum
Nursing Agencies Administrators'
Chief Nurses to Health Authorities
N H S G e n e ra l M a n a g e r s ' F o r u m
Community Nurse Managers' Forum
People with a Learning Disability Society of Nursing for People with a
Learning Disability
Community Nursing Forum for People
with a Learning Disability
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99 Clinics at Toronto Hospital

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Cardiac/Vascular Centres
G e n e r a l C a r d i o l o g y
Congenital Cardiac Centre
Hypertrophic Cardiomyopathy
Cardiovascular Surgery
Cardiac Rehabilitation
Hypertension
Vascular Centre
Neurosciences
Peripheral Nerve
Brain Tumour
Brain Arterio-Venous Malformation
Spinal Cord
G eneral Neurology
Neuro-Otology
Neuro-Ophthalmology
Neuro-Pharmacology
Movement Disorders
Swallowing Centre
Neuro-Laryngology
Neuro-Physiology (EEG, EMG, and Evoked
Potentials)
Transplantation
Renal
Liver
Lung
Heart
Oncology and Haematology
Lung Cancer
Breast Cancer
Leukem ia
Multiple Myeloma
<u>Ly</u>m phoma
Coagulation Disorders
Melanoma
Autologous Blood & Marrow Transplant
Genito-Urinary Cancer
Head and Neck Cancer
G y n a e c o lo g i c a l C a n c e r s
Brain Tumours
G eneral Surgery
Gastroenterology
Therapeutic Endoscopy
Asthma Centre
Cardio-Respiratory Sleep Disorders
Obstetrics & Gynaecology
O b s t e t r i c s
Pre-Natal Diagnosis
Special Pregnancy
Reproductive Biology
In-Vitro Fertilization
Therapeutic Abortion
Gynaecology
Gynaecology Research Clinic
U rology
General Urology
Oncology
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Im potence Prostate Centre Renal Transplantation Voiding Dysfunction & Incontinence Plastic Surgery Hand Program Plastic Surgery Clinics Orthopaedics Fracture Clinic Rheumatology Endocrinology General Endocrine Diabetes Clinic Lipids Bone Disease Endocrine Oncology Thyroid Pituitary, Adrenal, or Ovary Anaesthesia Pain Malignant Hyperthermia ENT Clinics Neuro-Laryngology Ophthalmology Dentistry Psychiatry G eneral Psychiatry Medical Psychiatry Psycho-Pharm acology Competency Group Program Portuguese Community Mental Health Centre Kensington Clinic Neuro-Psychiatry Neuro-Pharmacology & Epilepsy Tourette's Syndrome Sleep Disorders W omen's Clinic Schizophrenia Other Medical Clinics G e n e r a l In te r n a l M e d ic in e M e d i c a l C o n s u lta tio n Dermatology Family Medicine Centre Im m uno-deficiency Travel Tropical Disease Chiropody Thalassemia/Sickle Cell Rehabilitation Sexually Transmitted Disease Herpes Info Line Weight Control D e to x ific a tio n





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Association des Techniciennes et Techniciens en Diététique du Québec (ATDQ) (CEQ)
Association des Employé(e)s en Service Social de la Province de Québec (AESSPQ)
Association des Pharmaciens des Etablissements de Santé du Québec (APES)
Association des Résident(e)s de McGill
Association Professionnelle des Inhalothérapeutes du Québec (APIQ)
Association Professionnelle des Technologistes Medicaux du Québec (APTMQ)
Association Professionnelle des Technologues Diplômé(e)s en Electrophysiologie Conseil des Syndicats Hospitaliers de Montréal (CSHM)
Fédération des Infirmières et Infirmiers du Québec (FIIQ)
Fédération des Médecins Résidents et Internes du Québec (FMRQ)
Le Syndicat des Infirmières et Infirmiers de l'Hôpital de Montréal Pour Enfants (SIIHME)
Le Syndicat des Infirmières et Infirmiers de l'Hôpital Royal Victoria (SIIHRV)
Les Infirmières et Infirmiers Unis (IIU)
 Syndicat Canadien de la Fonction Publique, Section Locale 2962 (FTQ)
Syndicat Canadien des Officiers de la Marine Marchande (SCOMM)
Syndicat des Professionel(le)s et Technicien(ne)s de la Santé du Québec (SPTSQ)
Syndicat des Coordonnateurs d'unité de l'Hôpital Général de Montréal (CSN)
Syndicat des Employés de l'Hôpital Général de Montréal (CSN)
Syndicat des Employés de l'Hôpital Royal Victoria (CSN)
Syndicat des Ergothérapeutes du Québec (CPQ)
 Syndicat des Physiothérapeutes et des Thérapeutes en Réadaptation Physique (SPTRPQ)
Syndicat des Professionnelles et Professionnels des Affaires Sociales(SPPASQ) (CSN)
Syndicat des Professionnelles et Professionnels en Gestion de Projets de Montréal (CEQ)
Syndicat des Technologues en Radiologie du Québec (STRQ)
Syndicat des Travailleuses (eurs) de L'Hôpital de Montréal Pour Enfants (CSN)
Syndicat National des Employés de l'Hôpital de Montréal Pour Enfants (SNEHME)
Syndicat National des Employés de l'Hôpital Neurologique de Montréal (SNEHNM)
Syndicat Professionel des Diététistes du Québec (SPDQ)
 Syndicat Québecois des Employés de Service (FTQ)
Union des Employés de Bureau des Hôpitaux (CSHM
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 Syndicat Québecois des Employés de Service (FTQ)
Union des Employés de Bureau des Hôpitaux (CSHM)
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420 Job Titles: Sunnybrook-Women's College

Acting Administrative Analyst Admin. Asst II Admin. Secretary Apprentice
Assembly Technician
Assistant
Assistant Biochemist Bar Attendant Behavioural Therapist Biochemist Biomedical Engineer Capital Equipment Clerk
Carpenter
Catering Office Asst Chief Operating Engineer Chief Perfusionist Claims Analyst

Dir. Research Trans Unit Doppler Technician Educator
EEG Technician
Electrician
Electronics Tech
Electronics Technol General Manager Geriatrician Graduate Psychologist Intern/Resident

O.T. 2
Oper, Engineer class 2
Oper, Engineer class 3
Oper, Engineer class 3
Oper, Engineer class 4
Operations Coordinator
Order Processing Clerk
Pacemaker Tech II Pool Attendant Porter Porter Escort

Respiratory Assistant Respiratory Therapy Asst Restorative Pros. Asst Restorative Prosthetist Scientist
Sctry to Exec.V.P.
Sctry Stenographer 1
Sctry Stenographer 2
Sctry to Asst V.P. Sous Chef
Special Events Co-ordinator
Special Project Researcher



The Apple Orchard (1985)

- The director of estates calls the kitchen
- The cook agrees
- The bill is presented and delivery denied
- Richard James steps in
- The director of estates finds a solution
- The nurses save the orchard



What it was like to work in them

- Understand your area
- Find a niche that no one else does
- Contribute your expertise to the strategic plan
- Learn your place and stay in it
- Listen to your boss



The New Physics

- What we see and how we explain
 - There are lots non-forecastable phenomena
 - Long term stockmarket, weather, the next throw of the dice
- Heisenberg's Uncertainty Principle
- Complexity Theory
 - Attack/Escape uncertainty
 - Butterflies and Hurricanes
- Instability and Stability go together



Reframing Hobbes

- The world is always at the edge of chaos
- we must cooperate to reduce chaotic behaviour
- we cooperate until the pressure becomes too great, or our anxiety overwhelms us.
- then chaos sets in once more





Free



The Jungle

- No rules
- Chaotic
- Uncontrolled

- Dangerous
- Wild

- Complex patterns
- Delicate order
- Fragile relationships

Exotic

Free



Respect Not Control

 "The world is unstable - this is not a capitulation, but on the contrary an encouragement to combine new experimental and theoretical research which takes account of this unstable character. The world is not a victim offered up for us to dominate; we must respect it."

Ilye Prigogene



The Machine Organization

The Complex Organization

- Based on 19th C. physics
- People identical
- No externalities
- Elements are tasks and skills
- No dynamics everything is at equilibrium
- Viewed as esssentially simple

- Based on biology
- People are different
- Externalities are the driving force
- Elements are patterns and relationships
- On the edge of time -Suddenly spurts, coalesces, changes, decays
- Viewed as complex



Organizations (to come)

Pace	Unstable &
	Unpredictable
Structure	Selforganizing
Strategy from	Project team
Action	C ustom ization
Work Type	M utual adjustment
Worker	A d a p t a b l e
	professional
V a lu e s	Learning
Survivability	A d a p t a b ility
Motif	Order from Messes
Planning Style	Relationship building



Health Care Organizations (to come)

Hospital Type	Networked
Who Knows	Multiple holders
What they	Vertical and
know	Horizontal
Distribution	Electronic
of knowledge	Networks
Main success	Quality of life
factor	Outcome
Management	Decentralized
	functions, local
	competency
Authority	Support for and
	from others
Boundaries	Crossboundary
	management
Networks	Self-organized



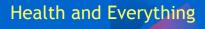
The Apple Orchard to Come?

- Local conditions provide the best basis for planning
- External factors make full prediction impossible
- We can consider many possibilities and develop preferences
- We must plan so as to maximize the probability of our preferred futures
- But we must always be prepared for unexpected outcomes



The Therapeutic Orchard?





3 Stages of Organizations

	1935	1985	Tocome
Pace	S Io w	Faster	Unstable and
			unpre dic table
Structure	Command	Functional	S e If
	Control	C h im n e y s	O r g a n iz in g
Strategic	The Top	Executive	Project
Direction		Board	te a m
Action	Boss	Standards	C u s t o m iz e
Work Type	Supervised	Division of	Mutual
		Labor	a d ju s t m e n t
Worker	H ir e d	S k ille d	A d a p t a b l e
	h a n d		professional
V a lu e s	Loyalty	Exact	Learning
		k n o w le d g e	
Survivability	S ta b ility	E ffic ie n c y	A d a p ta b ility
M o tif	Tradition	Change	Order from
			messes
Planning	Just do it	Strategic	Relationship
Style		Planning	Building

3 Stages of Healthcare Organizations

	1935	1985	To come
Hospital Type	General	Specialty	Networked
Who knows	Doctors	Specialists	Collaborative
			groups
What they	General	Niche	Vertical and
know	knowledge	knowledge	horizontal
Knowledge	Clinical	Scientific	Electronic
distribution	experience	Journals	networks
Success	Access &	Diagnosis	Quality of life
factors	authority	& Clinical	outcomes
		outcome	
Management	Administrator	Special	Local
	as aide	Functions	competency
Authority	Medical	Your own	Support for
	Director	Silo	and from
			others
Boundaries	High outside	High in &	Cross boundary
	none inside	out	management
Networks	Hospital	System	Self-organized
	centred	planned	

Simple

Complicated

Complex

Following a Recipe

A Rocket to the Moon

Raising a Child

The recipe is essential

to assure

efforts

 Sending one rocket increases assurance that the next will be ok

Formulae are critical

and necessary

 Formulae have only a limited application

gives no assurance of success with the

Raising one child

next

 No particular expertise; knowing how to cook increases success

Recipes are tested

replicability of later

 High level of expertise in many specialized fields plus coordination

 Expertise can help but is not sufficient

 Recipes produce standard products

Rockets similar in critical ways

Every child is a unique project

 Certainty of same results every time High degree of certainty of outcome

Uncertainty of outcome remains

Optimism re results

• Optimism re results

Optimism re results

Complicated

Acute Diseases

Complex Chronic Diseases

- Abrupt onset
- Often all causes can be identified and measured
- Diagnosis and prognosis are often accurate
- Specific therapy or treatment is often available
- Technological intervention is usually effective: cure is likely with return to normal health
- Profession is knowledgeable while laity is inexperienced

- Gradual onset over time
- Multivariate cause, changing over time

Health and Everything

- Diagnosis is uncertain and prognosis obscure
- Indecisive technologies & therapies with adversities
- No cure, pervasive uncertainty: management, coaching & self care over time is needed to improve health
- Profession & laity must be reciprocally knowledgeable to improve health



Frameworks

Frameworks for understanding organizations do not merely describe them. They invariably indicate what a "well-functioning" organization is like. And so they place a value on certain structures and behaviours.

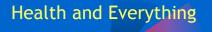
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Sholom Glouberman



Tips For the Future

- Recognize that no one can do it alone
- Believe most people want to do quality work
- Engage people to struggle through and resolve issues
- Provide resources to support such inquiries
- Expect many parallel efforts
- Support developing relationships with other institutions, experts, suppliers and customers



How to Make the Transition

- Stabilize the system to reduce change anxiety
- More secure institutions can begin to be more collaborative
- Recognize where working relationships are already networked
 - In some areas of shared expertise
 - Among particular groups to get needed support
 - Between individuals who act as boundroids
 - Rewarding Romeo and Juliet in the next iteration
- Pilot new ways of working on a small scale
- Learn from other networked organizations