

Incorporating Personal Values into Innovative Curriculum Development

Ian Osburn
Lehigh Valley Health Network, Ian.Osburn@lvhn.org

Follow this and additional works at: <https://scholarlyworks.lvhn.org/select-program>



Part of the [Medical Education Commons](#)

Let us know how access to this document benefits you

Published In/Presented At

Osburn, I. (2015, March). *Incorporating Personal Values into Innovative Curriculum Development*. Poster presented at: The SELECT Capstone Project, Kasych Conference Room, Lehigh Valley Health Network, Allentown, PA.

This Poster is brought to you for free and open access by LVHN Scholarly Works. It has been accepted for inclusion in LVHN Scholarly Works by an authorized administrator. For more information, please contact LibraryServices@lvhn.org.

Incorporating Personal Values Into Innovative Curriculum Development

an Osburn MPH

Lehigh Valley Health Network, Allentown, PA

Background

3 main pillars of healthcare reform

- Control cost
- Improve quality
- Increase access

United States ranks **37th** according to the World Health Report in 2000

- SELECT students challenge validity

Reorient discussion to incorporate SELECT competencies, emotional intelligence, values-based patient centered care

- Self awareness
- Self management
- Social awareness
- Relationship management

Understand political pressures on health care system

- Pay for performance finance restructuring
- Bundled payments
- Population management
- Continuous quality improvement
- IHI Triple Aim

Develop change agents

- Enhance educational alliance with bidirectional conversation
- Reduce variation in care delivered

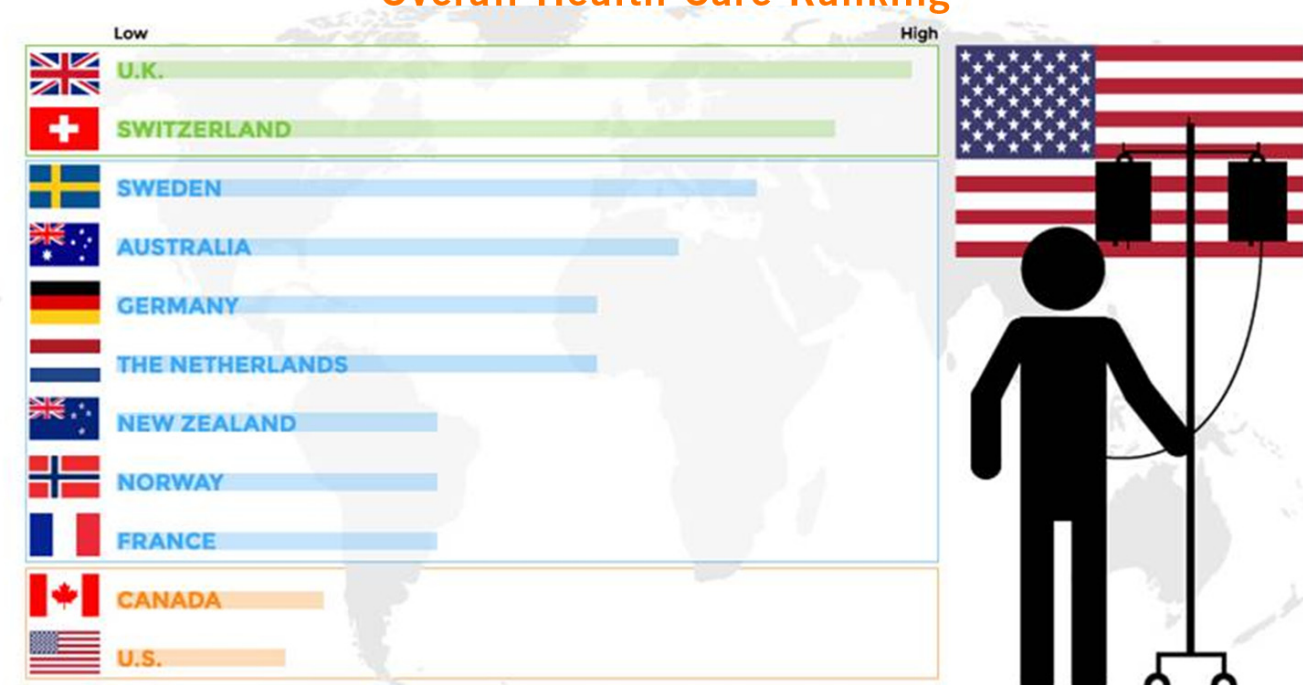
Methods

- Discussion on one's core values
 - Concepts of value
 - Value guided decision making
- Break into small groups to identify values/measures to gauge performance of United States healthcare system
- Expert facilitator introduces findings of Commonwealth Fund Report
- Hand out real world data on a variety of measures
 - Commonwealth Fund
 - World Health Organization
 - Organization for Economic Co-operation and Development
- Reform into small groups to re-rank United States according to group's identified core values

U.S. HEALTH CARE RANKS LAST AMONG WEALTHY COUNTRIES

A recent international study compared 11 nations on healthy care quality, access, efficiency, and equity, as well as indicators of healthy lives such as infant mortality.

Overall Health Care Ranking



Source: K. Smith, S. B. Smith, S. B. Smith, and S. B. Smith. Mirror on the Wall: How the Performance of the U.S. Health Care System Compares Internationally. 2014 Update. The Commonwealth Fund, June 2014.

Results

EXHIBIT ES-1. OVERALL RANKING

COUNTRY RANKINGS	Top 2*										
	AUS	CAN	FRA	GER	NETH	NZ	NOR	SWE	SWI	UK	US
Overall Ranking (2013)	4	10	9	5	5	7	7	3	2	1	11
Quality Care	2	9	8	7	5	4	11	10	3	1	5
Effective Care	4	7	9	6	5	2	11	10	8	1	3
Safe Care	3	10	2	6	7	9	11	5	4	1	7
Coordinated Care	4	8	9	10	5	2	7	11	3	1	6
Patient-Centered Care	5	8	10	7	3	6	11	9	2	1	4
Access	8	9	11	2	4	7	6	4	2	1	9
Cost-Related Problem	9	5	10	4	8	6	3	1	7	1	11
Timeliness of Care	6	11	10	4	2	7	8	9	1	3	5
Efficiency	4	10	8	9	7	3	4	2	6	1	11
Equity	5	9	7	4	8	10	6	1	2	2	11
Health Expenditures/Capita, 2011*	\$3,800	\$4,522	\$4,118	\$4,495	\$5,099	\$3,182	\$5,669	\$3,925	\$5,643	\$3,406	\$8,508

Measure	Source	Dimension	USA	Australia	Canada	France	Germany	Netherlands	United Kingdom	New Zealand	Norway	Sweden	Switzerland
Overall Ranking 2013	Commonwealth Fund		11	4	10	9	5	5	1	7	7	3	2
Quality Care	Commonwealth Fund		5	2	9	8	7	5	1	4	11	10	3
Safe Care	Commonwealth Fund	Quality: Safe Care	7	3	10	2	4	7	1	9	11	5	4
Live births per 100k	WHO Countries	Quality: Safe Care	24	8	12	8	7	9	12	14	7	5	10
Socioeconomic deaths per 100k	OECD	Quality: Safe Care	123	353	353	158	153	10	67	124	152	118	129
Pt followed medical guideline during care in last 2 yrs %	Commonwealth	Quality: Safe Care	11	20	11	6	8	15	4	13	17	21	4
Pt given wrong medication at pharmacy/hospital in last 2 yrs %	Commonwealth	Quality: Safe Care	8	4	5	6	8	6	2	7	8	5	2
Pt experienced delay notification re abnormal test results	Commonwealth	Quality: Safe Care	10	7	11	3	5	5	4	8	10	9	1
Pt contacted re abnormal test results after hospital stay %	Commonwealth	Quality: Safe Care	5	9	11	8	12	10	14	12	10	8	10
Dr receives reminders re EBM interventions/tests %	Commonwealth	Quality: Safe Care	49	18	34	53	10	18	78	53	10	14	12

Measure	Source	Dimension	USA	Australia	Canada	France	Germany	Netherlands	United Kingdom	New Zealand	Norway	Sweden	Switzerland
Overall Ranking 2013	Commonwealth Fund		11	4	10	9	5	5	1	7	7	3	2
Quality Care	Commonwealth Fund		5	2	9	8	7	5	1	4	11	10	3
Coordinated Care	Commonwealth Fund	Quality: Coordinated	6	4	8	9	10	5	1	2	7	11	3
Antenatal care < 10 wks %	WHO Countries	Quality: Coordinated	97	90	99	99	9	9	9	9	9	9	9
Total hospital beds per 1000 people	OECD	Quality: Coordinated	31.1	38.7	37.7	63.3	63.3	6.7	2.8	2	4	2.6	4.8
Psychiatric care beds per 1000 people	OECD	Quality: Coordinated	9.3	6.4	6.4	6.9	1.3	1.4	6.5	6.2	1.2	6.5	6.9
MRIs units per million	OECD	Quality: Coordinated	184.5	95	84.8	8.7	11.3	11.8	6.8	11.1	9	9	20.8
CT scanners per million	OECD	Quality: Coordinated	46.0	58.5	14.6	13.5	18.8	16.9	8.7	15.3	9	9	34.6
Patient has regular doctor or place %	Commonwealth	Quality: Coordinated	91	97	96	99	99	100	99	99	99	99	99
Specialist not have info about medical history %	Commonwealth	Quality: Coordinated	18	18	18	18	18	18	18	18	18	18	18
PCP receives report re specialist referral %	Commonwealth	Quality: Coordinated	74	91	85	96	82	89	74	96	92	99	96
Dr receives alert/prompt to provide pt with test results %	Commonwealth	Quality: Coordinated	57	71	39	41	28	18	29	45	35	27	52
Hospital arrange for pt to receive info during discharge %	Commonwealth	Quality: Coordinated	60	67	72	72	72	72	72	72	72	72	72
PCP receives notification pt has been in ER %	Commonwealth	Quality: Coordinated	72	72	72	72	72	72	72	72	72	72	72
After hospitalization pt knows who to contact re care %	Commonwealth	Quality: Coordinated	93	97	89	79	89	90	93	88	87	89	90

Measure	Source	Dimension	USA	Australia	Canada	France	Germany	Netherlands	United Kingdom	New Zealand	Norway	Sweden	Switzerland
Overall Ranking 2013	Commonwealth Fund		11	4	10	9	5	5	1	7	7	3	2
Quality Care	Commonwealth Fund		5	2	9	8	7	5	1	4	11	10	3
Patient-Centered Care	Commonwealth Fund	Quality: Patient-Centered	4	5	8	10	7	10	1	6	11	9	2
Contraceptive prevalence %	WHO Countries	Quality: Patient-Centered	76	90	121	81	7	9	12	14	9	9	10
Births by cesarean %	WHO Countries	Quality: Patient-Centered	32.8	31.5	27.8	21	32.1	15.4	24	23.6	17.1	16.9	32.8
# of MRI exams per 1000 people	OECD	Quality: Patient-Centered	105	28.6	53.7	82	95.2	59	40.4	61	9	9	9
# of CT exams per 1000 people	OECD	Quality: Patient-Centered	297	104.3	129.3	173.1	194.8	76.7	26.7	26.7	9	9	9
Average length of hospital stay, all cause	OECD	Quality: Patient-Centered	4.8	5.8	7.4	5.4	5.2	5.4	7	6.2	4.5	6.6	5.6
Pt receives telephone answer from dr same day %	Commonwealth	Quality: Patient-Centered	73	79	67	64	64	64	75	80	78	84	82
Pt with same doctor 5 years or more %	Commonwealth	Quality: Patient-Centered	57	64	64	64	64	64	64	64	64	64	64
Dr discuss pt's main goals in caring for condition %	Commonwealth	Quality: Patient-Centered	76	82	67	62	59	67	78	62	51	56	62

Measure	Source	Dimension	USA	Australia	Canada	France	Germany	Netherlands	United Kingdom	New Zealand	Norway	Sweden	Switzerland
Overall Ranking 2013	Commonwealth Fund		11	4	10	9	5	5	1	7	7	3	2
Access	Commonwealth Fund		9	8	9	11	2	4	1	7	6	4	2
Timeliness of Care	Commonwealth Fund	Access: Timeliness	5	6	11	10	4	2	3	7	8	9	1
Physicians per 10k	WHO Countries	Access: Timeliness	24.5	32.7	20.7	31.8	38.1	33.1	27.9	27.4	37.4	32.7	38.4
Psychiatric waiting in mental health per 100k	WHO Countries	Access: Timeliness	42.4	31.6	21.6	22.6	25.9	16.7	7	9	16	16.7	42.4
Destiny personal dentist per 10k	WHO Countries	Access: Timeliness	16	11	12	12	12	12	12	12	12	12	12
Dr report pts have trouble getting special tests (CT, MRI)	Commonwealth	Access: Timeliness	29	36	38	41	27	7	14	39	10	15	3
Number of doctor consultations per capita	OECD	Access: Timeliness	4	6.9	7.9	6.7	6.7	6.2	5	3.7	4.4	9	4
Time to see dr same day if needed medical attention	Commonwealth	Access: Timeliness	19	20	19	19	19	19	19	19	19	19	19
Dr report pts have long wait times to receive tx after dx	Commonwealth	Access: Timeliness	8	20	23	29	25	20	21	34	20	21	2
Wait > 4 months for elective/emergency surgery	Commonwealth	Access: Timeliness	7	10	18	4	3	1	8	15	22	6	4

Measure	Source	Dimension	USA	Australia	Canada	France	Germany	Netherlands	United Kingdom	New Zealand	Norway	Sweden	Switzerland
Overall Ranking 2013	Commonwealth Fund		11	4	10	9	5	5	1	7	7	3	2
Efficiency	Commonwealth Fund		11	4	10	9	5	5	1	7	7	3	2
Health Expenditures/Capita, 2011 (US\$, PPP)	Commonwealth Fund	Efficiency	3,800	4,522	4,118	4,495	5,099	3,182	5,669	3,925	5,643	3,406	8,508
Healthcare Expenditure % of GDP	OECD	Efficiency	11.7	8.9	11.2	11.4	11.3	11.3	9.4	10.3	9.3	9.5	11
Annual Growth Rate total expenditure on health	OECD	Efficiency	3.9	4.2	3.9	2.3	1.8	5.2	4	5.2	3.4	3.5	2.9
% WHI spent on health administration	Commonwealth	Efficiency	7.1	1.8	3.3	6.7	3.3	3.3	3	3	3	3	3
Pt spent time on paperwork/disputes related to med bills	Commonwealth	Efficiency	18	6	9	5	1	9	2	4	7	2	16
Dr time on admin related to insurance/claims is problem	Commonwealth	Efficiency	53	31	22	39	32	48	17	33	15	35	34
Pt wait ED for routine treatment > 4 hrs	Commonwealth	Efficiency	40	31	41	31	29	26	16	22	39	39	13
Sent for duplicate tests in past 2 years	Commonwealth	Efficiency	17	9	9	12	10	7	6	6	6	5	8

Measure	Source	Dimension	USA	Australia	Canada	France	Germany	Netherlands	United Kingdom	New Zealand	Norway	Sweden	Switzerland
Overall Ranking 2013	Commonwealth Fund		11	4	10	9	5	5	1	7	7	3	2
Equity	Commonwealth Fund		11	5	9	7	4	8	2	10	6	1	2
Government paid health care %	WHO Countries	Equity	46	47	30	77	76	80	89	89	85	82	62
Waiting time for specialist care was 2 months or more	Commonwealth	Equity	6	18	20	18	20	1	7	19	16	17	3
Waited 2 hours or more in ER	Commonwealth	Equity	28	25	18	38	23	17	10	14	34	32	18
Difficult to get care in evenings/weekends/holidays	Commonwealth	Equity	78	18	67	64	46	59	40	64	48	47	56
Monthly available to health care (deaths per 100k)	Commonwealth	Equity	96	97	77	95	76	65	85	79	64	61	8

Measure	Source	Dimension	USA	Australia	Canada	France	Germany	Netherlands	United Kingdom	New Zealand	Norway	Sweden	Switzerland
Overall Ranking 2013	Commonwealth Fund		11	4	10	9	5	5	1	7	7	3	2
Access	Commonwealth Fund		9	8	9	11	2	4	1	7	6	4	2
Cost-Related Problem	Commonwealth Fund	Access: Cost-Related	11	9	5	10	4	8	1	6	3	1	7
Gross National Income per capita	WHO Countries	Access: Cost-Related	52,600	42,500	42,500	36,700	42,500	37,300	36,700	36,700	42,500	42,500	52,600
Total dollars spent on healthcare (billions)	WHO Countries	Access: Cost-Related	2,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800
Dollars spent on healthcare per capita	WHO Countries	Access: Cost-Related	3,800	4,522	4,118	4,495	5,099	3,182	5,669	3,925	5,643	3,406	8,508
Private Health Insurance (Percent)	WHO Countries	Access: Cost-Related	49	35	35	16	12	15	7	6	2	2	10
Out of pocket (OOP) spending (percent)	WHO Countries	Access: Cost-Related	11	18	15	7	12	5	10	11	15	15	28
OOP as % of total expenditure on health	OECD	Access: Cost-Related	12	18.3	15	7.5	11	5	10	11	15	15	28
Pharmaceuticals % of total expenditures	OECD	Access: Cost-Related	12	15.4	18	15.8	14.4	8.8	12.3	9.4	7	12.3	12
Pt with chronic condition not getting care bc cost %	Commonwealth	Access: Cost-Related	33	20	8	18	12	8	4	17	6	5	11
Pt not visit dr in past year because of cost %	Commonwealth	Access: Cost-Related	37	35	33	18	25	22	4	21	30	30	13
Insurance co. denied payment for care %	Commonwealth	Access: Cost-Related	28	35	34	17	14	13	1	6	3	9	16
Pt had problems/issue to pay medical bills %	Commonwealth	Access: Cost-Related	23	8	7	13	7	9	1	10	6	4	10
OOP expense for care was > \$1K past year	Commonwealth	Access: Cost-Related	42	25	14	7	11	7	9	9	17	2	24

Measure	Source	Dimension	USA	Australia	Canada	France	Germany	Netherlands	United Kingdom	New Zealand	Norway	Sweden	Switzerland
Overall Ranking 2013	Commonwealth Fund		11	4	10	9	5	5	1	7	7	3	2
Healthy Lives	Commonwealth	Healthy Lives	11	4	8	1	1	5	10	9	6	2	3
Life expectancy at birth (years)	WHO countries	Healthy Lives	11	4	8	1	1	5	10	9	6	2	3
Life expectancy at age 65 (years)	WHO countries	Healthy Lives	21	25	25	24	24	24	24	24	24	24	25
Healthy life expectancy at birth (years)	WHO countries	Healthy Lives	70	73	72	72	71	71	71	71	71	72	73
Infant mortality rate per 1,000 live births	WHO countries	Healthy Lives	12	16	11	9	9	9	10	10	10	10	11
Maternal mortality rate per 100,000 live births	WHO countries	Healthy Lives	28	6	11	9	7	6	8	8	4	4	4
Prevalence of substance use (per 100k)	WHO countries	Healthy Lives	42	44	43	32	78	82	20	10	10	16	73
Prevalence of mental illness (per 100k)	WHO countries	Healthy Lives	42	46	42	38	72	76	20	10	10	16	73
Alcohol consumption age >15 (liters/person/year)	WHO	Healthy Lives	201	59	78	132	112	115	115	115	93	64	66
Population median age	WHO	Healthy Lives	43.85	37.08	39.09	40.45	42.68	47.1	40.07	38.95	38.98	40.55	43.03
Population median income	WHO	Healthy Lives	8.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
Crude death rate per 1,000 population	WHO	Healthy Lives	7.7	6.4	7.3	8.7	8.5	8.4	8.3	8.3	8.3	8.6	7.3
Population age 65 (percent)	WHO	Healthy Lives	23.5	14.9	23.2	23.7	23.7	23.0	23.6	23.8	23.8	23.4	23.8
Population age 65 (percent)	WHO	Healthy Lives	23.5	14.9	23.2	23.7	23.7	23.0	23.6	23.8	23.8	23.4	23.8