

MSEC Identified these five (5) societal problems to be tracked:

- 1) Nutrition / Physical Activity,
- 2) Education / Health Literacy / Poverty,
- 3) Substance abuse (includes tobacco, opioids, alcohol, illicit drugs, and prescription medications),
- 4) Family and Interpersonal Violence,
- 5) Health Disparities / Discrimination (Cultural Competence/access to care)

Keyword Query based on faculty identification of courses covering these topics and General Term / Keyword Query across all courses

**Additional Terms:** Cultural Competence, Domestic Violence, Disparities, Nutrition / Nutrition Sciences, Societal Aspects, Substance Abuse,

Keyword/MeSH Term	Depth of Coverage		
* Cultural competence	Basic: 2   Intermediate: 1   Advanced: 0   Total: 3		
<input checked="" type="checkbox"/> Report Topics CP I		Year 1  Clinical Preceptorship I	Basic
<input checked="" type="checkbox"/> Report Topics CP II		Year 2  Clinical Preceptorship II	Basic
<input checked="" type="checkbox"/> Report Topics OB/GYN		Year 3  OB/GYN	Intermediate

Keyword/MeSH Term	Depth of Coverage		
* Domestic Violence	Basic: 0   Intermediate: 0   Advanced: 5   Total: 5		
<input checked="" type="checkbox"/> Report Topics CSHP		Year 1  Communication Skills for Health Professionals	Advanced
<input checked="" type="checkbox"/> Report Topics LD		Year 1  Lifespan Development	Advanced
<input checked="" type="checkbox"/> Report Topics OB/GYN		Year 3  OB/GYN	Advanced
<input checked="" type="checkbox"/> Report Topics PEDS		Year 3  Pediatrics	Advanced
<input checked="" type="checkbox"/> Report Topics PSYCH		Year 3  Psychiatry	Advanced

Keyword/MeSH Term	Depth of Coverage		
* Disparities in the diagnosis and treatment of diseases and health care delivery	Basic: 1   Intermediate: 0   Advanced: 0   Total: 1		
<input checked="" type="checkbox"/> Report Topics Micro		Year 2  Microbiology	Basic

# Societal Term(s) Content Query and Review

MSEC Update August 16, 2016

Keyword/MeSH Term	Depth of Coverage		
<b>* Nutrition</b>	<a href="#">Basic: 6</a>   <a href="#">Intermediate: 2</a>   <a href="#">Advanced: 3</a>   <a href="#">Total: 11</a>		
<input checked="" type="checkbox"/> Report Topics CMM		Year 1 <input checked="" type="checkbox"/> Cellular & Molecular Medicine	Intermediate
<input checked="" type="checkbox"/> Report Topics COL		Year 1 <input checked="" type="checkbox"/> Case Oriented Learning	Basic
<input checked="" type="checkbox"/> Report Topics ICP		Year 2 <input checked="" type="checkbox"/> Introduction to Clinical Psychiatry	Basic
<input checked="" type="checkbox"/> Report Topics IMM		Year 2 <input checked="" type="checkbox"/> Immunology	Basic
<input checked="" type="checkbox"/> Report Topics KEY		Year 4 <input checked="" type="checkbox"/> Keystone Course	Advanced
<input checked="" type="checkbox"/> Report Topics OBI/GYN		Year 3 <input checked="" type="checkbox"/> OBI/GYN	Intermediate
<input checked="" type="checkbox"/> Report Topics PATH		Year 2 <input checked="" type="checkbox"/> Medical Pathology I	Advanced
<input checked="" type="checkbox"/> Report Topics PEDS		Year 3 <input checked="" type="checkbox"/> Pediatrics	Advanced
<input checked="" type="checkbox"/> Report Topics PHAR		Year 2 <input checked="" type="checkbox"/> Medical Pharmacology	Basic
<input checked="" type="checkbox"/> Report Topics PHYS		Year 1 <input checked="" type="checkbox"/> Physiology	Basic
<input checked="" type="checkbox"/> Report Topics PSYCH		Year 3 <input checked="" type="checkbox"/> Psychiatry	Basic

Keyword/MeSH Term	Depth of Coverage		
<b>📁 Nutritional Sciences</b>	<a href="#">Basic: 6</a>   <a href="#">Intermediate: 1</a>   <a href="#">Advanced: 3</a>   <a href="#">Total: 10</a>		
<input checked="" type="checkbox"/> Report Topics CMM		Year 1 <input checked="" type="checkbox"/> Cellular & Molecular Medicine	Intermediate
<input checked="" type="checkbox"/> Report Topics COL		Year 1 <input checked="" type="checkbox"/> Case Oriented Learning	Basic
<input checked="" type="checkbox"/> Report Topics ICP		Year 2 <input checked="" type="checkbox"/> Introduction to Clinical Psychiatry	Basic
<input checked="" type="checkbox"/> Report Topics IMM		Year 2 <input checked="" type="checkbox"/> Immunology	Basic
<input checked="" type="checkbox"/> Report Topics KEY		Year 4 <input checked="" type="checkbox"/> Keystone Course	Advanced
<input checked="" type="checkbox"/> Report Topics PATH		Year 2 <input checked="" type="checkbox"/> Medical Pathology I	Advanced
<input checked="" type="checkbox"/> Report Topics PEDS		Year 3 <input checked="" type="checkbox"/> Pediatrics	Advanced
<input checked="" type="checkbox"/> Report Topics PHAR		Year 2 <input checked="" type="checkbox"/> Medical Pharmacology	Basic
<input checked="" type="checkbox"/> Report Topics PHYS		Year 1 <input checked="" type="checkbox"/> Physiology	Basic
<input checked="" type="checkbox"/> Report Topics PSYCH		Year 3 <input checked="" type="checkbox"/> Psychiatry	Basic

## Societal Needs (Knowledge and understanding of societal needs and demands on health care) + Keystone and CEI - Primary Care Panel)

Keyword/MeSH Term	Depth of Coverage		
<b>* Societal aspects of healthcare</b>	<a href="#">Basic: 7</a>   <a href="#">Intermediate: 3</a>   <a href="#">Advanced: 1</a>   <a href="#">Total: 11</a>		
<input checked="" type="checkbox"/> Report Topics CE I		Year 1 <input checked="" type="checkbox"/> Career Exploration I	Basic
<input checked="" type="checkbox"/> Report Topics CE III		Year 3 <input checked="" type="checkbox"/> Career Exploration III	Basic
<input checked="" type="checkbox"/> Report Topics COL		Year 1 <input checked="" type="checkbox"/> Case Oriented Learning	Basic
<input checked="" type="checkbox"/> Report Topics CSHP		Year 1 <input checked="" type="checkbox"/> Communication Skills for Health Professionals	Intermediate
<input checked="" type="checkbox"/> Report Topics for IPES		Year 1 <input checked="" type="checkbox"/> Introduction to Physical Exam Skills	Basic
<input checked="" type="checkbox"/> Report Topics ICP		Year 2 <input checked="" type="checkbox"/> Introduction to Clinical Psychiatry	Basic
<input checked="" type="checkbox"/> Report Topics KEY		Year 4 <input checked="" type="checkbox"/> Keystone Course	Intermediate
<input checked="" type="checkbox"/> Report Topics LD		Year 1 <input checked="" type="checkbox"/> Lifespan Development	Basic
<input checked="" type="checkbox"/> Report Topics POMPPS		Year 1 <input checked="" type="checkbox"/> The Profession of Medicine: Patients, Physicians, & Society	Advanced
<input checked="" type="checkbox"/> Report Topics PSYCH		Year 3 <input checked="" type="checkbox"/> Psychiatry	Intermediate
<input checked="" type="checkbox"/> Report Topics TRAN		Year 3 <input checked="" type="checkbox"/> Transitions to Clinical Clerkships	Basic

# Societal Term(s) Content Query and Review

## MSEC Update August 16, 2016

Keyword/MeSH Term	Depth of Coverage
<b>Substance Abuse Detection</b>	Basic: 3   Intermediate: 3   Advanced: 4   Total: 10
Report Topics CMM	Year 1 Cellular & Molecular Medicine Basic
Report Topics CSHP	Year 1 Communication Skills for Health Professionals Intermediate
Report Topics ICP	Year 2 Introduction to Clinical Psychiatry Advanced
Report Topics KEY	Year 4 Keystone Course Advanced
Report Topics OB/GYN	Year 3 OB/GYN Intermediate
Report Topics PATH	Year 2 Medical Pathology I Basic
Report Topics PEDS	Year 3 Pediatrics Intermediate
Report Topics PHAR	Year 2 Medical Pharmacology Advanced
Report Topics POM	Year 2 The Practice of Medicine Basic
Report Topics PSYCH	Year 3 Psychiatry Advanced

Keyword/MeSH Term	Depth of Coverage
<b>Societal Problems (role in addressing medical consequences of e.g. diagnosis, prevention, appropriate reporting and treatment of violence and abuse)</b>	Basic: 1   Intermediate: 0   Advanced: 0   Total: 1
Session	Year 1 Lifespan Development Basic

Keyword/MeSH Term	Depth of Coverage
<b>Societal aspects of healthcare</b>	Basic: 7   Intermediate: 3   Advanced: 1   Total: 11
Report Topics CE I	Year 1 Career Exploration I Basic
Report Topics CE III	Year 3 Career Exploration III Basic
Report Topics COL	Year 1 Case Oriented Learning Basic
Report Topics CSHP	Year 1 Communication Skills for Health Professionals Intermediate
Report Topics for IPES	Year 1 Introduction to Physical Exam Skills Basic
Report Topics ICP	Year 2 Introduction to Clinical Psychiatry Basic
Report Topics KEY	Year 4 Keystone Course Intermediate
Report Topics LD	Year 1 Lifespan Development Basic
Report Topics POMPPS	Year 1 The Profession of Medicine: Patients, Physicians, & Society Advanced
Report Topics PSYCH	Year 3 Psychiatry Intermediate
Report Topics TRAN	Year 3 Transitions to Clinical Clerkships Basic

## Outcomes from AAMC GQ:

\*AAMC

2016 Medical School Graduation Questionnaire

## 12. Indicate whether you agree or disagree with the following statements about your preparedness for beginning a residency program:

		Percentage of Respondents Selecting Each Rating					Count
		Strongly disagree	Disagree	Neutral	Agree	Strongly agree	
I understand the ethical and professional values that are expected of the profession.							
All Medical Schools	2016	0.3	0.2	1.5	27.8	70.2	14,666
East Tennessee-Quillen	2016	0.0	0.0	1.8	21.4	76.8	56
East Tennessee-Quillen	2015	0.0	0.0	0.0	17.9	82.1	67
East Tennessee-Quillen	2014	0.0	0.0	3.1	38.5	58.5	65
East Tennessee-Quillen	2013	0.0	0.0	0.0	45.5	54.5	55
East Tennessee-Quillen	2012	0.0	0.0	0.0	26.3	73.7	38
I have a fundamental understanding of the issues in social sciences of medicine (e.g., ethics, humanism, professionalism, organization and structure of the health care system).							
All Medical Schools	2016	0.4	1.2	5.0	39.0	54.3	14,683
East Tennessee-Quillen	2016	0.0	1.8	0.0	36.4	61.8	55
East Tennessee-Quillen	2015	0.0	0.0	4.5	35.8	59.7	67
East Tennessee-Quillen	2014	0.0	1.5	1.5	47.7	49.2	65
East Tennessee-Quillen	2013	0.0	0.0	1.8	53.6	44.6	56
East Tennessee-Quillen	2012	0.0	0.0	0.0	47.4	52.6	38

\*AAMC

2016 Medical School Graduation Questionnaire

## 12. Indicate whether you agree or disagree with the following statements about your preparedness for beginning a residency program: (Continued)

		Percentage of Respondents Selecting Each Rating					Count
		Strongly disagree	Disagree	Neutral	Agree	Strongly agree	
I believe I am adequately prepared to care for patients from different backgrounds.							
All Medical Schools	2016	0.4	0.7	3.4	33.4	62.1	14,675
East Tennessee-Quillen	2016	0.0	0.0	16.1	19.6	64.3	56
East Tennessee-Quillen	2015	0.0	7.5	3.0	35.8	53.7	67
East Tennessee-Quillen	2014	0.0	0.0	4.6	52.3	43.1	65
East Tennessee-Quillen	2013	0.0	1.8	1.8	52.7	43.6	55
East Tennessee-Quillen	2012	2.6	2.6	0.0	36.8	57.9	38

	East Tennessee-Quillen					All
	2012	2013	2014	2015	2016	2016
2016 Medical School Graduation Questionnaire						
<b>14. Indicate the activities you will have participated in during medical school on an elective (for credit) or volunteer (not required) basis:</b>						
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Independent study project for credit	35.0	32.1	25.8	26.5	46.4	46.6
Research project with faculty member	60.0	48.2	45.5	45.6	48.2	74.1
Authorship (sole or joint) of a peer-reviewed paper submitted for publication	35.0	14.3	16.7	33.8	12.5	46.5
Authorship (sole or joint) of a peer-reviewed oral or poster presentation			16.7	33.8	37.5	50.3
Global health experience	27.5	26.8	22.7	30.9	35.7	28.0
Educating elementary, high school or college students about careers in health professions or biological sciences	82.5	85.7	77.3	76.5	82.1	48.4
Providing health education (e.g., HIV/AIDS education, breast cancer awareness, smoking cessation, obesity)	85.0	87.5	86.4	91.2	91.1	61.5
Field experience in providing health education in the community (e.g., adult/child protective services, family violence program, rape crisis hotline)	57.5	62.5	59.1	69.1	66.1	35.0
Field experience in home care	65.0	55.4	72.7	70.6	80.4	33.3
Learned another language in order to improve communication with patients	12.5	12.5	15.2	11.8	16.1	23.9
Learned the proper use of the interpreter when needed	62.5	58.9	66.7	85.3	87.5	79.4
Experience related to health disparities	82.5	82.1	77.3	79.4	80.4	75.2
Experience related to cultural awareness and cultural competence	82.5	75.0	80.3	82.4	91.1	72.4
Community-based research project	27.5	78.6	75.8	60.3	80.4	31.4
Field experience in nursing home care	47.5	35.7	50.0	48.5	64.3	31.8
Experience with a free clinic for the underserved population	92.5	83.9	83.3	86.8	85.7	73.0
Other	2.5	3.6	6.1	1.5	0.0	2.3
Number of respondents	40	56	66	68	56	14,701

AAMC

2016 Medical School Graduation Questionnaire

**16. Based on your experiences, indicate whether you agree or disagree with the following statements:**

		Percentage of Respondents Selecting Each Rating					Count
		Strongly disagree	Disagree	Neutral	Agree	Strongly agree	
My knowledge or opinion was influenced or changed by becoming more aware of the perspectives of individuals from different backgrounds.							
All Medical Schools	2016	0.9	2.7	13.4	47.9	35.1	14,557
East Tennessee-Quillen	2016	1.8	1.8	17.9	41.1	37.5	56
East Tennessee-Quillen	2015	0.0	1.5	10.4	53.7	34.3	67
East Tennessee-Quillen	2014	0.0	3.1	15.4	61.5	20.0	65
East Tennessee-Quillen	2013	0.0	3.6	12.7	74.5	9.1	55
East Tennessee-Quillen	2012	2.7	10.8	32.4	35.1	18.9	37
The diversity within my medical school class enhanced my training and skills to work with individuals from different backgrounds.							
All Medical Schools	2016	4.1	10.4	23.4	35.4	26.6	14,580
East Tennessee-Quillen	2016	5.4	10.7	28.6	30.4	25.0	56
East Tennessee-Quillen	2015	10.4	19.4	20.9	37.3	11.9	67
East Tennessee-Quillen	2014	1.5	12.3	41.5	38.5	6.2	65
East Tennessee-Quillen	2013	0.0	21.4	32.1	44.6	1.8	56
East Tennessee-Quillen	2012	8.1	10.8	29.7	37.8	13.5	37

Societal Problems / Resources by Dr. R. McGowen:

Potential sources to use for identifying what to focus on in Quillen curriculum

1. State and regional concerns

Tennessee State Health Plan 2014

[http://tennessee.gov/assets/entities/hsda/attachments/2014\\_State\\_Health\\_Plan\\_FINAL.pdf](http://tennessee.gov/assets/entities/hsda/attachments/2014_State_Health_Plan_FINAL.pdf)

4 Priorities: Page 8

Tobacco  
Obesity  
Physical Inactivity  
Substance use

2. Societal Problems with most significant medical consequences

<http://jama.jamanetwork.com/article.aspx?articleid=198357>

<http://www.nejm.org/doi/full/10.1056/NEJMsa073350>

A. Healthy People 2020 Leading Health Indicators

[Access to Health Services](#)

[Clinical Preventive Services](#)

[Environmental Quality](#)

[Injury and Violence](#)

[Maternal, Infant, and Child Health](#)

[Mental Health](#)

[Nutrition, Physical Activity, and Obesity](#)

[Oral Health](#)

[Reproductive and Sexual Health](#)

[Social Determinants \(see also below\)](#)

[Substance Abuse](#)

[Tobacco](#)

B. General description of social determinants of health (*how social conditions impact individual health*)

<http://www.commissiononhealth.org/WhatDrivesHealth.aspx>

Resources to meet daily needs (e.g., safe housing and local food markets)

Educational, economic, and job opportunities

Poverty

Access to health care services (cost of care/ insurance/distribution of providers, etc.)

Availability of community-based resources in support of community living and opportunities for recreational and leisure-time activities

Early childhood adversity (child abuse, poverty, lack of nurturance and stability, community violence, etc)

Transportation options

Public safety

Social support

Social norms and attitudes (e.g., discrimination, racism, and distrust of government)

*Race and ethnicity*

## 3. Consensus of Medical educators

## A. AAMC Curriculum Content reports

Domestic Violence <https://www.aamc.org/initiatives/cir/406462/06a.html>

## B. GQ Topics

Specific topics dropped—examples given in question 13 (educating the community)

- a. HIV-Aids;
- b. Obesity;
- c. Tobacco;
- d. Breast cancer awareness;
- e. Family violence; rape reporting;
- f. Health disparities;
- g. Cultural competence;
- h. Underserved populations

## C. STFM

<http://blog.stfm.org/2015/02/11/intimate-partner-violence-an-educational-priority/>

Intimate Partner Violence

## D. Military Medicine

[https://www.usuhs.edu/sites/default/files/media/curriculum/pdf/lcme\\_update\\_11\\_faculty-aug\\_15.pdf](https://www.usuhs.edu/sites/default/files/media/curriculum/pdf/lcme_update_11_faculty-aug_15.pdf)

Obesity

Sexual Trauma

Tobacco Abuse

Traumatic Brain Injury/Post-Traumatic Stress Disorder (TBI/PTSD)

Pain Management

## E. Social Issues in Medicine tracks at other medical schools:

Health care costs/Access

Disparities/Diversity concerns

Underserved populations

Social determinants;

Poverty

Health Literacy

Violence

Housing/ Homelessness

## 4. QCOM Institutional educational Objectives and mission

The above topics could connect to our objectives in mission in numerous ways; it might help to look for how to address overall curriculum development with the issues we select.

health disparities

prevention

health promotion

population health

health advocacy

ethics related to social justice