Medical Student Mental Health: Challenges and Opportunities

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Disclosures

I have no financial disclosures to make.

A Grim Picture

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Medical students

Depression rate 27%

Anxiety and burnout in more than half

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Burnout 60-75% and higher

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Residents

Burnout 60-75% and higher

Physicians

Burnout rate 54% and rising

Highest suicide rate of any profession

So what's being done to address this?

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Not enough



Saint Louis University Medical Student Mental Health

Moderate- Severe Symptoms of Depression (% of class)

	Orient.	MS1 (EOY)	MS2 (EOY)
Class of 2011	6	27	29
Class of 2012	6	27	35

Saint Louis University Medical Student Mental Health

Moderate- Severe Symptoms of Anxiety (% of class)

	Orient.	MS1	MS2
Class of 2011	33	56	58
Class of 2012	27	54	61



Reduce unnecessary stressors and enhance the learning environment

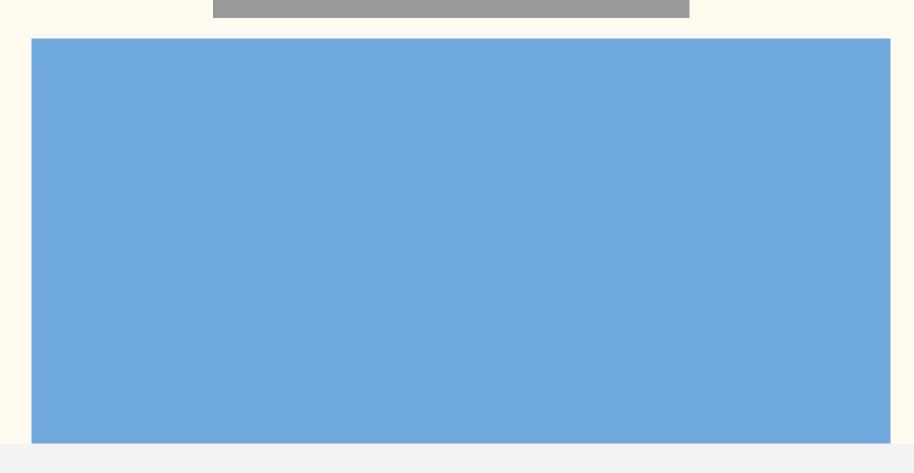
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Increase students' ability to deal with stress

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Help students find meaning in their work



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- 2014- Confidential tracking of depression and anxiety
- 2015- Focused support of 2nd years in run-up to Step 1

Mental Health Impact

Moderate- Severe Symptoms of Depression (% of class)

	Orient.	MS1	MS2
Class of 2011	6	27	29
Class of 2012	6	27	35
Class of 2018	4	4	6

Mental Health Impact

Moderate- Severe Symptoms of Anxiety (% of class)

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Class of 2011	33	56	58
Class of 2012	27	54	61
Class of 2018	21	14	32

External Bench-Marking

AAMC Year 2 Questionnaire

External Bench-Marking

AAMC	
Year 2	
Questionnair	e

	National	SLU
Emotional Climate	9.2	10.8
Student-fac. interaction	14.8	16.0
Quality of life	40.1	45.5
Perceived stress	5.8	4.7
Disengagement	9.7	8.2
Exhaustion	11.8	9.3

External Bench-Marking

AAMC Year 2 Questionnaire

SLU students report getting ½ hour more of sleep per night and spending 1 ½ hour less time in class or studying per day than the average medical student.

Impact

But what happened to academic performance???

Impact

USMLE Step 1 performance

	Mean	Failure rate
Classes of 2011 and 2012	224	4%
Class of 2018	228	2%

How could this happen???

The Yerkes-Dodson Curve





We need to improve the academic environment in the pre-clerkship years.



In the clinical years, we need to work on enhancing the well-being of faculty and residents.



Other Drivers of Poor Mental Health



Comparison

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Personalization and self-blame

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Feelings of inadequacy, embarrassment, and shame

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Stigma around seeking care for mental health problems

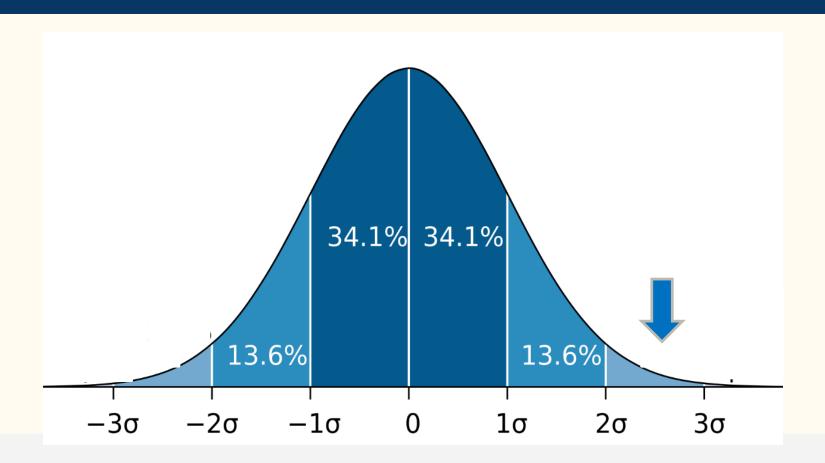
Chasing success

How to Address the Mindsets

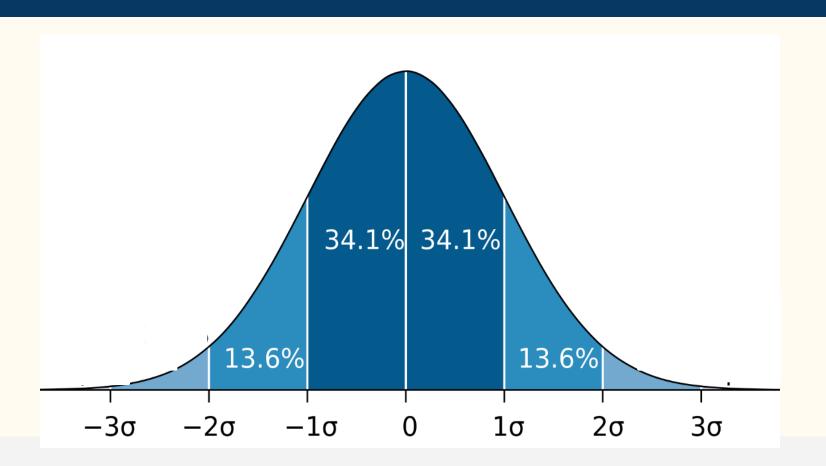
How to Address the Mindsets

Teach cognitive behavioral techniques to first-year students

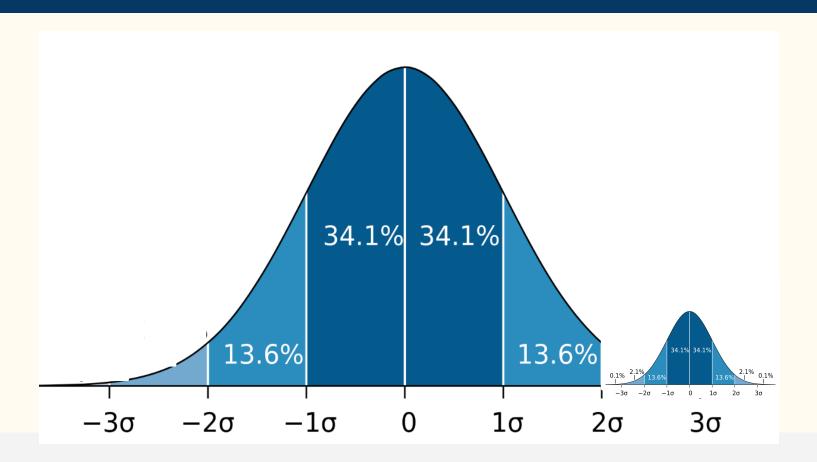
Academic Achievement Before Medical School



Academic Achievement in Medical School



Academic Achievement in Medical School





AAMC Graduation Questionnaire

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Students were asked to rate their satisfaction with the Office of the Dean for Curricular Affairs on accessibility, awareness of student concerns, and responsiveness to student problems.

(5-point Likert scale from very satisfied to very dissatisfied)

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Nationally- 32.8% very satisfied SLU- 76.1% very satisfied

AAMC Graduation Questionnaire Satisfaction with programs/ activities that promote effective stress management, a balanced lifestyle, and overall well-being.

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Nationally- 33.3% very satisfied SLU- 81.2% very satisfied

AAMC Graduation Questionnaire Agreement with statement "My medical school has done a good job of fostering and nurturing my development as a person."

(5-point Likert scale from strongly agree to strongly disagree)

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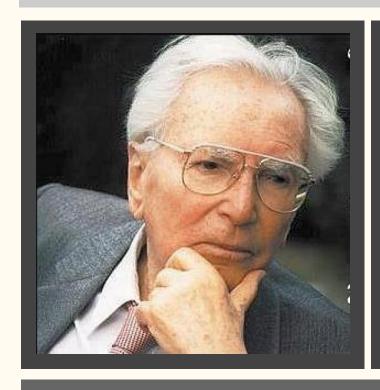
Nationally- 33.8% strongly agree SLU- 65.0% strongly agree

If we take man as he is, we make him worse, but if we take man as he should be, we make him capable of becoming what he can be.

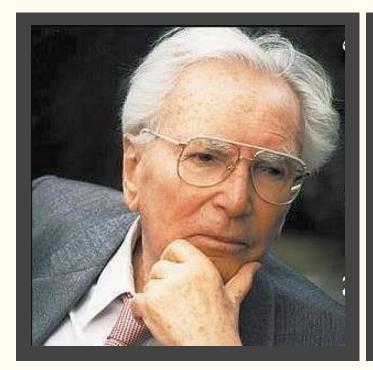
Viktor Frankl



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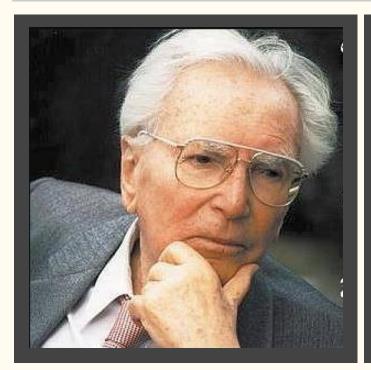


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There is much wisdom in the words of Nietzsche, "He who has a why to live for can bear almost any how."

