



Pre-Med AMSA (2018-2019)

President: Emily Woolhiser



- Class: Senior
- Major/Minor: Biomedical Sciences
History
- Directors:
 - Operations
- Announcements
 - Office Hours: Tuesday 10:30-11:30
 - Reetish: Monday 9-10
 - Anna: Friday 1-1:50
 - Riya: Friday 10:30-11:30
 - January Committee
 - Mental Health Awareness



MENTAL HEALTH AWARENESS MONTH

#BREAKTHESTIGMA

BAKE SALE

Jan. 31 from 10 am-2 pm

HPA Free Speech Area

*Volunteer & Walk with
Pre-Med AMSA at the*

OUT OF THE DARKNESS WALK

2 February 2019 | 8 AM to 12 PM
2420 Lakemont Ave
Baldwin Park, FL 32814
AMSA Points: 4, +1 w/AMSA shirt

RSVP TO
VOLUNTEERING@PREMEDAMSA.COM



AMSA Crewneck

\$20.00 ~~\$26.00~~



AMSA Hat

\$20.00



IM Jersey

\$17.50



Kaplan MCAT Course

\$0.00



TPR MCAT Course

\$0.00



Breast Cancer Awareness Shirts

\$15.00

THE 12TH ANNUAL

● UCF MSAS ●

MEDICAL SCHOOL ADMISSIONS SYMPOSIUM

**FEBRUARY 16TH, 2019
AT 8AM**

**UCF College of Medicine
6850 Lake Nona Blvd
Orlando, FL 32807**

WWW.UCFMSAS.COM

AMSA-IMO-MAPS-PPMS

Recognized as the largest medical symposium in the state of Florida, We would be pleased to invite you to this all day event for prospective students interested in pursuing a career in medicine.

Gain invaluable insight and information from multiple MD/DO schools from across the United States and the Caribbean, medical student panel for Q&A's, one-one opportunities with school's admissions directors, breakout sessions, tabling sessions, a highly distinguished keynote speaker and so much more!

JOIN AMSA'S REMIND 101

TEXT
@PREMEDAMSA
TO 81010





Pre-Med AMSA (2018-2019)

Vice President: Salvador Corona



- Class: Senior
- Major(s): Health Sciences
Business Administration
- Directors:
 - Wellness and Student Life
 - Health Policy
 - Global Health
 - Relay For Life
- Announcements
 - Office Hours : Tuesday 12pm-1pm
 - FIFA Tournament Fundraiser Feb. 1st at 6pm
 - HIPAA Workshop Feb. 18 at 5:30pm
 - Relay 4 Life Interest Meeting Feb. 6th at 6pm



Pre-Med AMSA (2018-2019)

Treasurer: Anishaa Sivakumar



- Class: Junior
- Major: Biomedical Sciences
- Directors:
 - Fundraising
 - Announcements
 - Office Hours: Mondays 9-10am
 - Dues (and how to get your shirt)
 - NextStep MCAT Courses and Practice Exam Bundles Available!
 - Merch— Hoodies, New Shirts, Vintage T-Shirts and more!



Pre-Med AMSA (2018-2019)

Secretary: Taylor Duffy



- Class: Senior
- Major: Health Sciences (Pre-Clinical)
- Directors:
 - Mentorship
 - Academics
 - Career Development
- Announcements
 - Mentorship applications continue to be open!
 - PreMedAMSA.com → Forms → Mentorship
 - Directorship Interviews! → Academics
 - AMSA Academic Database
 - premedamsa.com → Forms → Database
 - AMSA Library (textbooks + lab coats + goggles)
 - 2/4: crAMSA at TPR from 5:00 PM → 6:30 PM

AMSA COURSE DATABASE

Share your course schedule and
collaborate with other members in
the same classes!

premedamsa.com --> **Forms** -->
AMSA Course Database

+1 AMSA Points for filling out the Excel Sheet and
joining the database!





AMSA ACADEMIC POINTS

EARN UP TO 6 AMSA POINTS BY
PARTICIPATING IN THE FOLLOWING
ACADEMIC ACTIVITIES:

SI SESSIONS +2

SARC SESSIONS +2

TA SESSIONS +2

*Send picture proof to
academics@premedamsa.com

CAREER DEVELOPMENT POINTS

Earn up to 8 AMSA Points Participating in the
Following Activities Below:

Resume Critique at Career Services +2

PHPL Mock Interview +2

PHPL Advising (Scheduled or Walk-In) +2

Office of Undergraduate Research Advising +2



E-mail careerdevelopment@premedamsa.com with
verification of your attendance

CAN WE BORROW ANY OF YOUR PAST
TEXTBOOKS?

AMSA LIBRARY

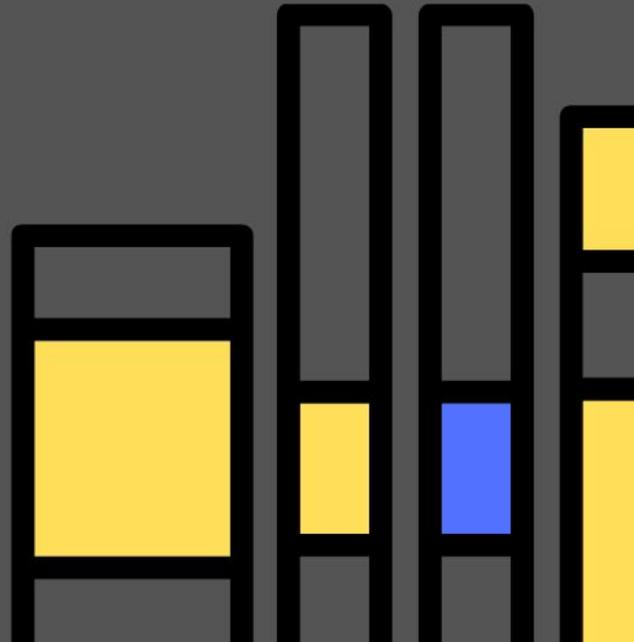
Rent textbooks, lab coats, and goggles on a weekly-basis

- Located at our AMSA Cubicle in the Student Union
- Rent any given textbook for two weeks at a time
- No highlighting or use of ink on ANY textbooks

AMSA POINTS

3 Points for first donation

1 Point for every donation thereafter





Pre-Med AMSA (2018-2019)

Sergeant At Arms: Sophia Dias



- Class: Junior
- Major: Health Sciences (Pre-Clinical)
- Directors:
 - Knight-Thon
 - Medical Relations
 - Volunteering
- Announcements
 - 2/2: Out of the Darkness Walk
 - 8:00 AM - 12:00 PM (Carpool Available)
 - 2/5: Arboretum
 - 8:30 - 10:30 AM
 - 2/12: MD vs. DO Workshop
 - 4:00 - 5:00 PM Location TBA
 - 2/8: Night to Shine
 - Email me if you are signed-up!!!

Dancers who have fundraised \$100:

Emma Di Fiore

Lesly Corona

Alanna Carrera

Kiera De Arellano

Katelyn Gomez

Matthew Dickens

Daniela Velez

Logan Blake

Johanna Villadarez

Melanie Molina

#ThisIsWhy



DANCERS WHO COMPLETED PEGASUS PUSH!

Emma Di Fiore

Kiera De Arellano

Alanna Carrera

Lesly Corona

Katelyn Gomez

Matthew Dickens

Daniela Velez

Kimia Badakhshan

Melanie Molina

Anna Jurlina

Johanna Villadarez

Samantha Gallahan

Reetish Singla

Briana Kadriu

Camila Diez

Crystal Perez



Pre-Med AMSA (2018-2019)

Chief of Staff: Ariel Perry-Mills



- Class: Senior
- Major: Biomedical Sciences
- Directors:
 - Media Relations
 - Newsletter
 - Research
- Announcements
 - Tabling
 - Research Feature in Newsletter
 - AMSA Points & Distinguished Members
- Questions about points? Email:
 - chiefofstaff@premedamsa.com



**WANT TO EARN
SOME EXTRA
AMSA POINTS?**

TABLE

**WITH PRE-MED
AMSA!**

**EVERY
WEDNESDAY
10 AM TO 4 PM**

EARN 2 POINTS FOR EVERY HOUR OF TABLING!

**SIGN UP @ WWW.PREMEDAMSA.COM
UNDER THE "GET INVOLVED" TAB!**



HEY, AMSA MEMBERS!
DO YOU

*participate
in
research?*

TELL US ABOUT IT AND BE
FEATURED IN OUR
NEWSLETTER!

[WWW.PREMEDAMSA.COM/
RESEARCH-NEWSLETTER-
FEATURE/](http://WWW.PREMEDAMSA.COM/RESEARCH-NEWSLETTER-FEATURE/)



Pre-Med AMSA (2018-2019)

HOW TO KEEP UP WITH AMSA:



Pre-Med AMSA UCF (1 pt.)



@premedamsaucf (1 pt. each)



UNIVERSITY OF
CENTRAL FLORIDA
Knight Connect

Pre-Medical American Medical
Student Association (1 pt.)

www.PreMedAMSA.com

Please Welcome:

Dr. Jonathan Beever



AUTONOMY, MENTAL HEALTH, & BIOETHICS

*UCF Pre-Med AMSA Workshop
January 29, 2019*

Jonathan Beever, Ph.D.

UCF Assistant Professor of Ethics and Digital Culture
Department of Philosophy and Texts & Technology Ph.D. Program



www.jonathan.beever.org



The Heinz Dilemma

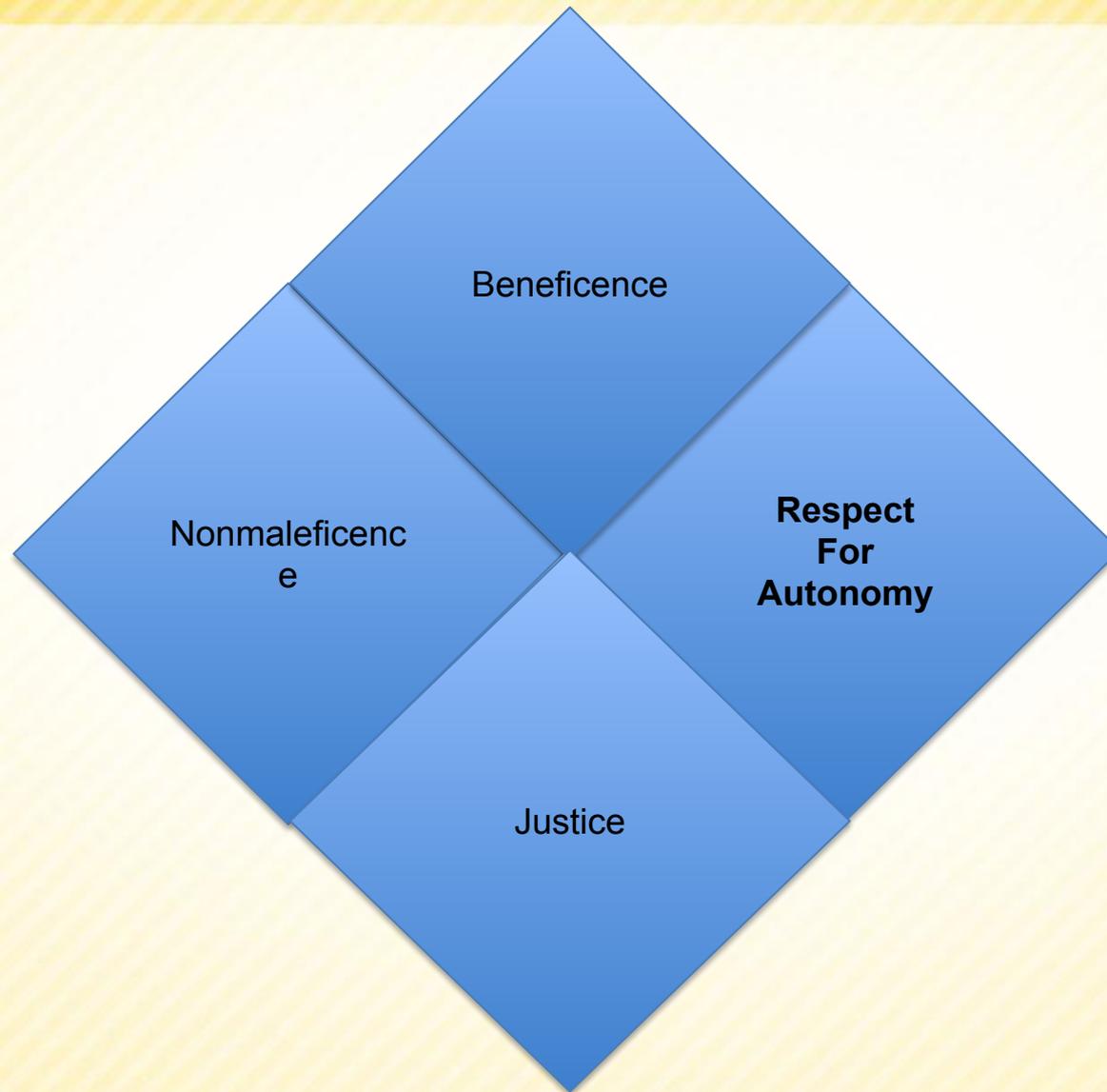
“A woman was near death from cancer. One drug might save her, a form of radium that a druggist in the same town had discovered. The druggist was charging \$2000, ten times what the drug cost him to make. The sick woman’s husband, Heinz, went to everyone he knew to borrow money, but he could only get together about half of what it cost. He told the druggist that his wife was dying and asked him to sell it cheaper or let him pay later. But the druggist said “no”...

(introduced by psychologist Lawrence Kohlberg)





Bioethical principlism





States with Eugenic Sterilization

-  Laws in effect January 1, 1935.
-  States with bills pending January 1, 1935.
- ★ Laws repealed.

Eugenic Sterilization Map of the United States, 1935; from The Harry H. Laughlin Papers, Truman State University

Eugenic Sterilization Map of the United States, 1935; from The Harry H. Laughlin Papers, Truman State University





NUREMBERG CODE Directives for Human Experimentation (1947)

- The voluntary consent of the human subject is absolutely essential
- The duty and responsibility for ascertaining the quality of the consent rests upon each individual who initiates, directs or engages in the experiment.
- The experiment should be such as to yield fruitful results for the good of society, unprocurable by other methods or means of study, and not random and unnecessary in nature.
- The experiment should be so designed and based on the results of animal experimentation.
- The experiment should be so conducted as to avoid all unnecessary physical and mental suffering and injury.
- No experiment should be conducted where there is an a priori reason to believe that death or disabling injury will occur.
- The degree of risk to be taken should never exceed that determined by the humanitarian importance of the problem to be solved by the experiment.
- Proper preparations should be made and adequate facilities provided to protect the experimental subject against even remote possibilities of injury, disability, or death.
- The experiment should be conducted only by scientifically qualified persons.

from Trials of War Criminals before the Nuremberg Military Tribunals under Control Council Law No. 10, Vol. 2, pp. 181-182. Washington, D.C.: U.S. Government Printing Office, 1949.





The Belmont Report (1978)

“Three basic principles, among those generally accepted in our cultural tradition, are particularly relevant to the ethic of research involving human subjects.

1. **Respect for Persons.** Respect for persons incorporates at least two ethical convictions; first, that individuals should be treated as autonomous agents, and second, that persons with diminished autonomy are entitled to protection.
2. **Beneficence.** Two general rules have been formulated as complementary expressions of beneficent actions in this sense: (1) do not harm and (2) maximize possible benefits and minimize possible harms.
3. **Justice.** There are several widely accepted formulations of just ways to distribute burdens and benefits. These formulations are (1) to each person an equal share, (2) to each person according to individual need, (3) to each person according to individual effort, (4) to each person according to societal contribution, and (5) to each person according to merit.



An aside: Astrid the Astronaut

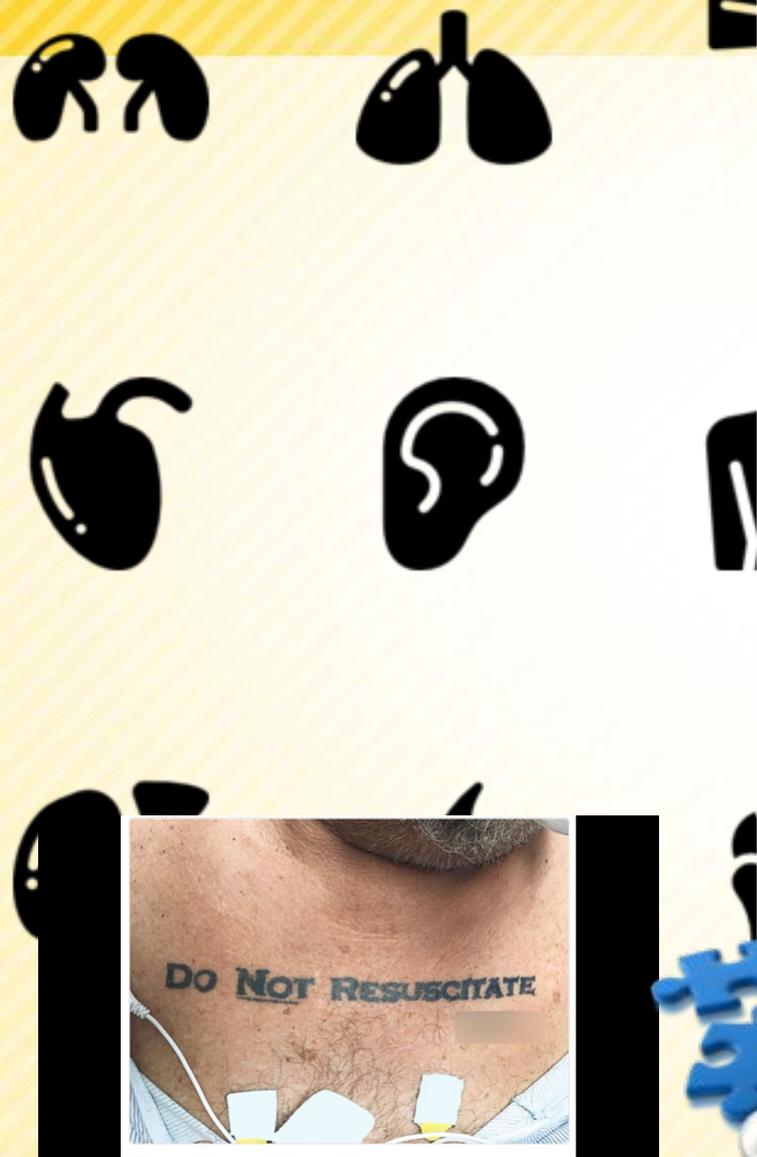
Astrid the Astronaut is on a one-way trip away from earth, never to see another human being again. In case she gets bored, she takes along 3 darts and a cardboard cutout of a cat....

from Carruthers, Peter. The Animals Issue.





Autonomy and Mental Health



Evaluating a Patient's Decisional Capacity

- Consider using the “Four Topics Method” in approaching the patient. Clinical indications are prioritized, followed by patient preferences, quality of life, and other external/contextual issues.
- Keep Drane’s “sliding scale” model in mind: decisions with a higher risk to benefit ratio require a more stringent and rigorous threshold of capacity.
- Continue to work and collaborate with the patient to come up with the most appropriate plan. Take the patient’s limitations into account even if his or her capacity is questionable.
- When the patient is deemed incapacitated, it is the obligation of the surrogate decision maker to make the decision on the patient’s behalf in the manner that is consistent with the patient’s long-standing beliefs and values, even if it is against the team’s recommendations.

Sher and Lolak. 2014. “Ethical Issues...” *Psychiatric Times* 31(11).



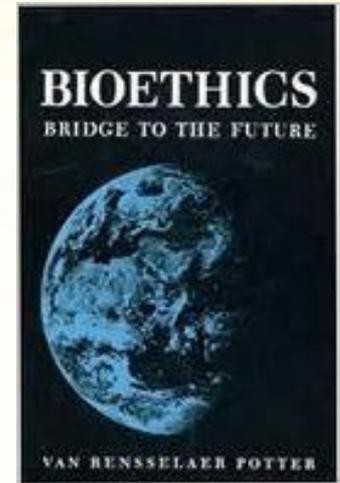


Van Rensselaer Potter's global bioethics

“Bioethics calls for a morality based on beliefs that we have about the relation between humans and biological systems within us and around us.” (Potter 1971: 150)

“... A global bioethic, encompassing medical bioethics but ecological bioethics as well and having as its core element the twin concepts of “person health” ... and Leopold's land ethic.” (Potter 1988: 152)

- Engages in the broad intersections that specialization silos away
- Focuses on environmental impacts on human health
- Provides “a bridge to the future”





The bio-ethik of Fritz Jahr

Fritz Jahr's *bio-ethik.*

“From Bio-Psychik it is only a step to Bio-Ethics, i.e., the assumption of moral obligations not only towards humans, but towards all forms of life.” (Jahr 1927)

“A transcription of the 5th Commandment results in the Bioethical Imperative: ‘Respect every living being in principle as an end in itself and treat it, is possible, as such!’” (Jahr 1934)

Wissenschaft vom Leben und G
(Alle Erkenntnisse in neuem Gewo

Die moderne Wissenschaft vom Leben, das ist die Biologie, beschäftigt sich nicht ausschließlich mit Botanik und Zoologie. Sie steht auch im Zusammenhang mit der Anthropologie. Dieser Zusammenhang findet seine natürliche Berechtigung in der Medizin. Tierexperimente, Blutuntersuchungen, Serumforschungen sind hier zu nennen und noch manches andere, wozon vielleicht die Übertragung der Keimzellen von Affen auf den Menschen noch Stellenoch als ganz besonders aktuell unter Souptintierstelle erregt.

Die neuere Biologie, die sich auf experimenteller physiologischer Grundlage aufbaut, ist heute ebenfalls nicht mehr auf ein einziges Arbeitsgebiet, den Menschen, beschränkt. Sie arbeitet mit denselben Methoden auch auf dem Gebiete des Tierischen, und wie es eine vergleichende anatomisch-zoologische Forschung gibt, so werden auch höchst lehrreiche Vergleiche zwischen Menschen- und Tierlebe angestellt¹⁾. So legen die Fortschritte einer Pflanzenphysiologie machen sich bemerkbar — die bekanntesten ihrer Vertreter sind G. Th. Fechner²⁾ in der Vergangenheit, R. S. Fechner³⁾ und W. Wagners⁴⁾ in der Gegenwart — so daß die moderne Biologie alle Reaktionen in den Bereich ihrer Forschungen zieht. Unter diesen Umständen ist es nur folgerichtig, wenn G. Eisler⁵⁾ zusammenschließend von einer Bio-Psychik spricht.

¹⁾ Von neueren tierphysiologischen Arbeiten sind besonders zu empfehlen: Sommer, Tierphysiologie, Leipzig 1925. Koverbes, Tierphysiologie, Leipzig 1925.

²⁾ G. Th. Fechner, Nanna oder das Seelenleben der Pflanzen. Leipzig 1848.

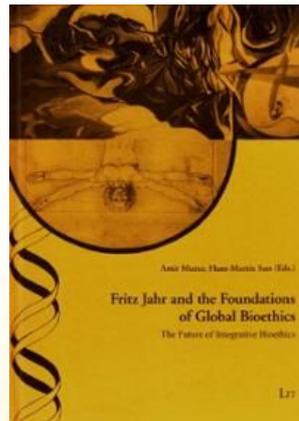
³⁾ R. S. Fechner, Pflanzenphysiologie als Arbeitshypothese der Pflanzenphysiologie. Stuttgart 1909.

⁴⁾ W. Wagners, Die Bermannt der Pflanze. Dresden 1926.

⁵⁾ A. Eisler, Das Witen der Seele. Stuttgart 1908.



Fritz Jahr



Martin-Sass and Muzur 2012





Thank you!

Jonathan Beever, Ph.D.

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Department of Philosophy and Texts & Technology Ph.D. Program



www.jonathan.beever.org