



# Three-Minute Thesis (3MT<sup>®</sup>)

## *CGS Virtual Showcase and Roundtable Discussion*

*Showcase support provided by:*



# Event Guidelines

- This session is being recorded and will be made available after the session.
- Please post questions in the chat. As time allows, we will ask audience questions during the discussion session after the voting period.
- Only event attendees are allowed to vote. Please do not share voting information with others not present.



# Three-Minute Thesis (3MT<sup>®</sup>)

## *CGS Virtual Showcase and Roundtable Discussion*

*Showcase support provided by:*



2) click and drag the bar separating the presentation and speaker frames to your left so that the two frames are more nearly equal in size

1) select "Side-by-side Speaker" from the View Menu





# *Presentations*



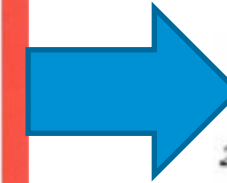
1. **Olatunji Anthony Akerele**, Memorial University of Newfoundland. *CAGS*
2. **Faraz Alidina**, University of Toronto. *NAGS*
3. **Angel Badewole**, University of Louisiana at Lafayette. *CSGS*
4. **Isabel Del Palacio**, Instituto Tecnológico y de Estudios Superiores de Occidente (ITESO). *COMEPO*
5. **Vishakh Iyer**, Indiana University Bloomington. *MAGS*
6. **Gabriella Mayne**, University of Colorado, Denver. *WAGS*
7. **Ali Rassi**, University of Oklahoma. *MAGS*
8. **Bhargav Sanketi**, Cornell University. *NAGS*
9. **Austin Tapp**, Old Dominion University. *CSGS*
10. **Elana Varner**, Simon Fraser University. *CAGS*



*Omega-3 intake during pregnancy:  
Finding Perfect Maternal Diet for Brain Health*

Olatunji Anthony Akerele  
Memorial University of Newfoundland  
CAGS

# Omega-3 intake during pregnancy; *Finding perfect maternal diet for brain health.*







*Persuading Princes, Persuading People*  
*The Stories of Attar, a 13<sup>th</sup>-Century Poet*

Faraz Alidina  
University of Toronto  
NAGS

# Persuading Princes, Persuading People

The Stories of Attar, a 13<sup>th</sup> century Persian Poet



1. Why?

“Science of Rhetoric”

2. How?

Narrative Techniques

Rhetorical Strategies

External References



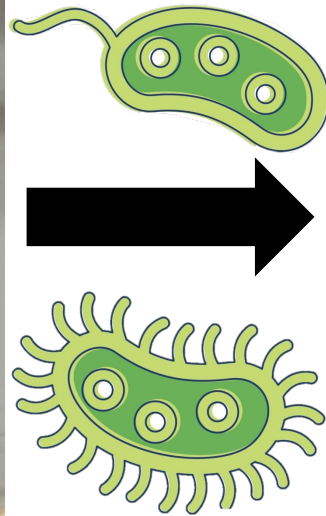
# *Conversion of Methane to Useful Oils via Bacterial Digestion*

Angel Badewole  
University of Louisiana at Lafayette  
CSGS



Natural Gas Flaring

Image Source: The Dallas Morning News



Useful Oils

Image Source: Everyday Health



# *The Subjectivity of Absence*

Isabel Del Palacio

Instituto Tecnológico y de Estudios Superiores de Occidente

(ITESO)

COMEPO



# The Subjectivity of Absence



Isabel Del Palacio



# *“Weeding” Out the Opioid Epidemic*

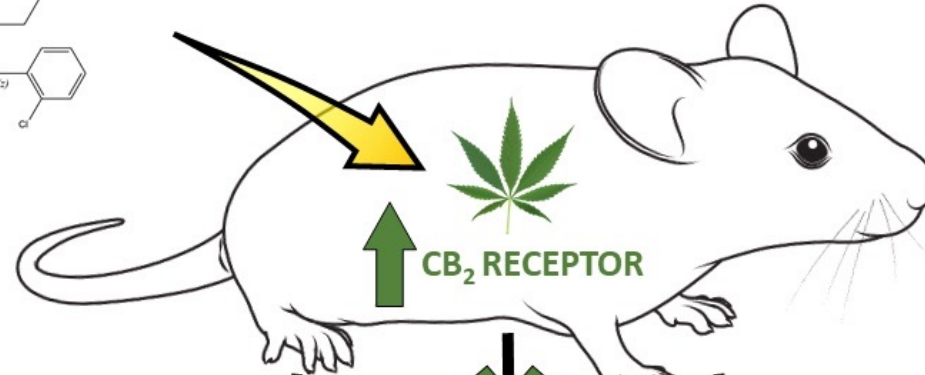
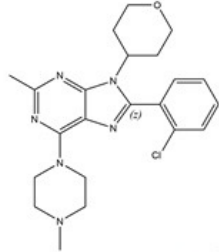
Vishakh Iyer  
Indiana University Bloomington  
MAGS

# “WEEDING” OUT THE OPIOID EPIDEMIC

MORPHINE



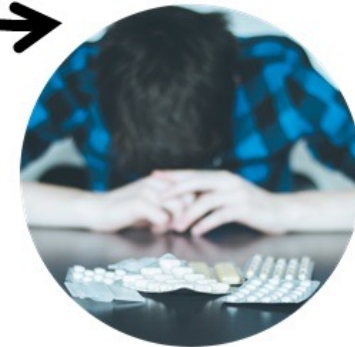
CLINICALLY SAFE DRUG -  
LY2828360



ADDICTION



CHRONIC PAIN



WITHDRAWAL





# *Birth: What's Love Got to Do with It?*

Gabriella Mayne  
University of Colorado, Denver  
WAGS

BIRTH: WHAT'S LOVE  
GOT TO DO WITH IT?

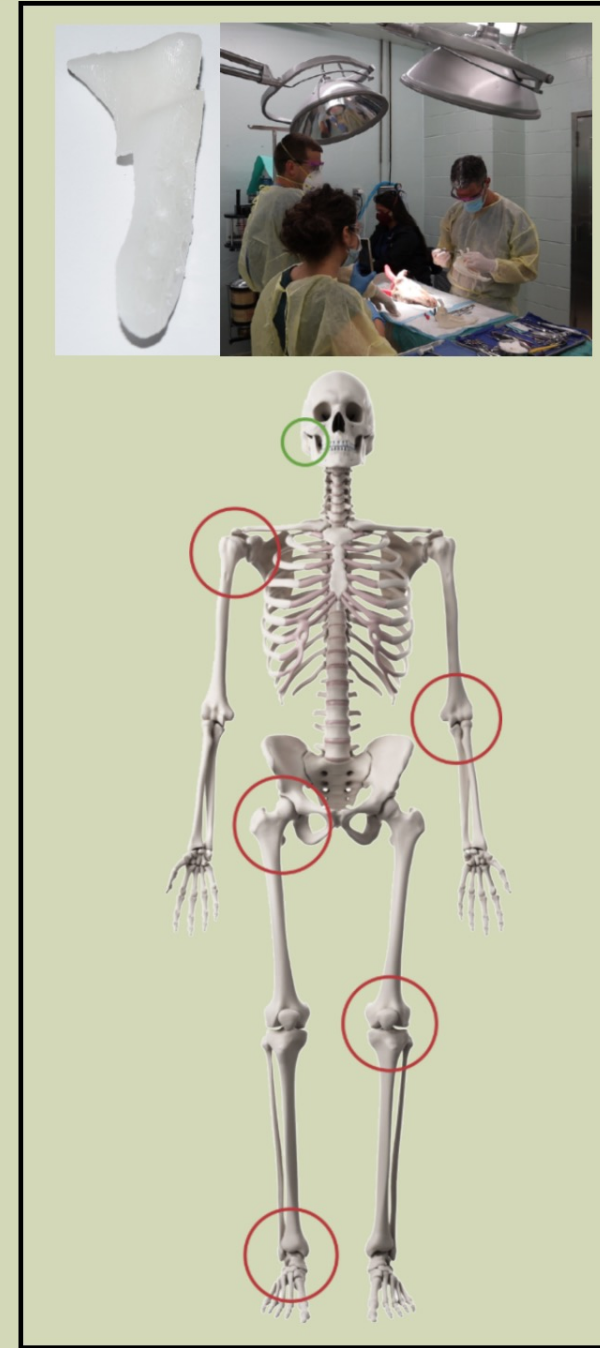
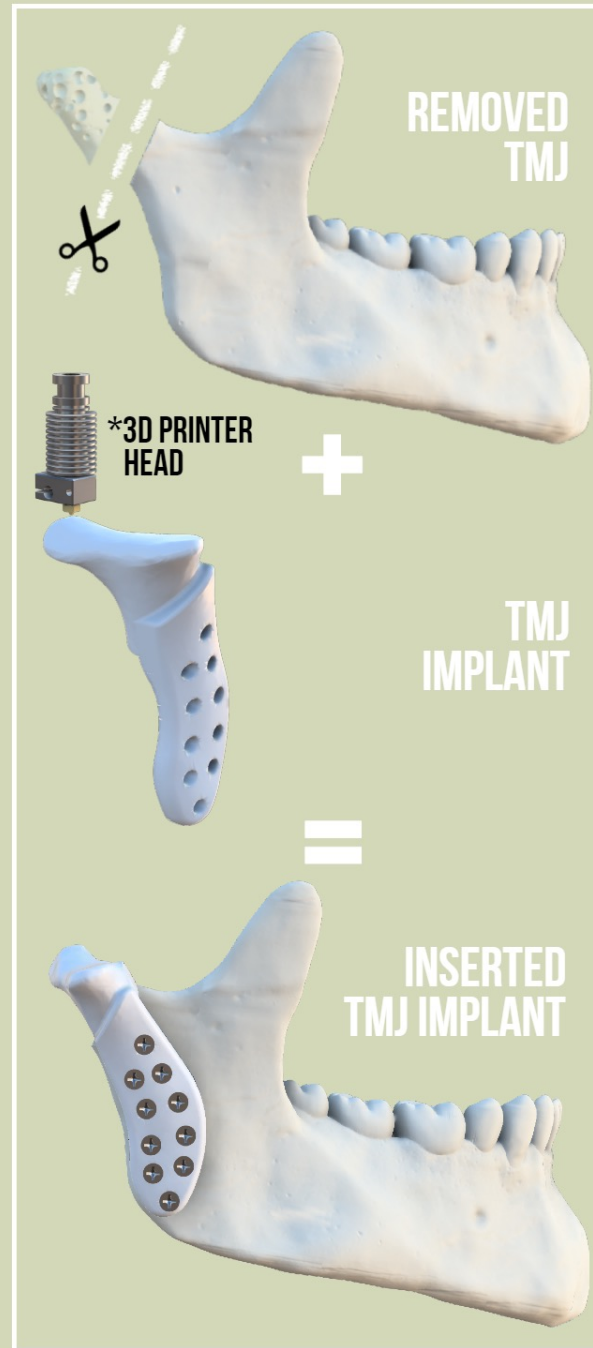
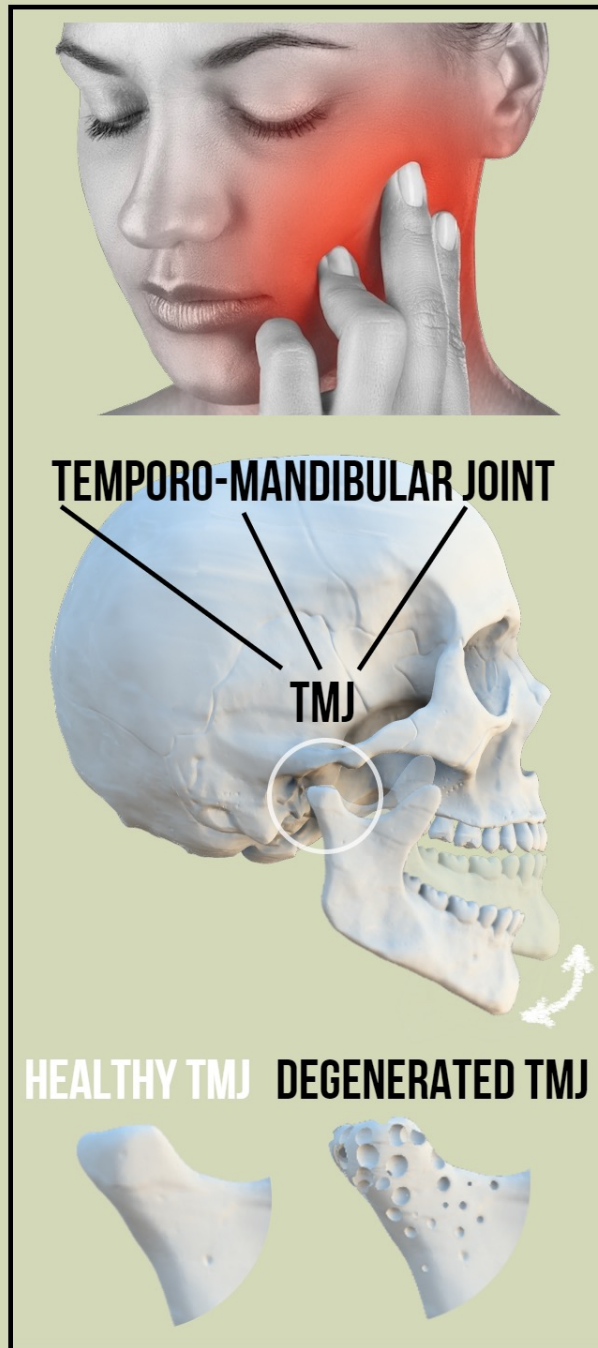




# *From Bench-Tops to the Operating Rooms: 3D Printed Implants*

Ali Rassi  
University of Oklahoma  
MAGS

# FROM BENCH-TOPS TO THE OPERATING ROOMS: 3D PRINTED IMPLANTS





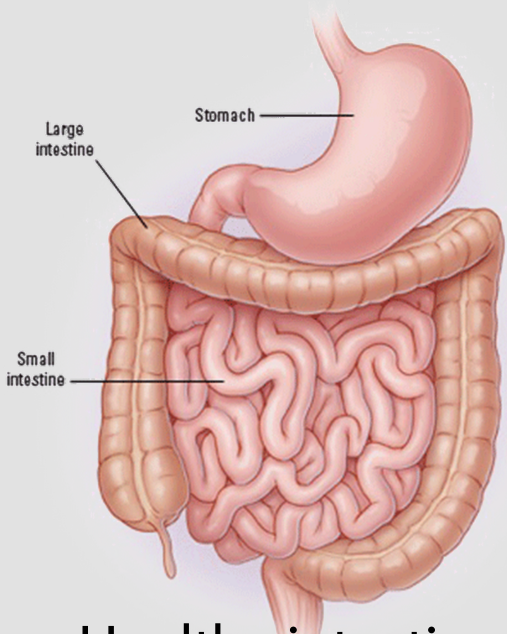
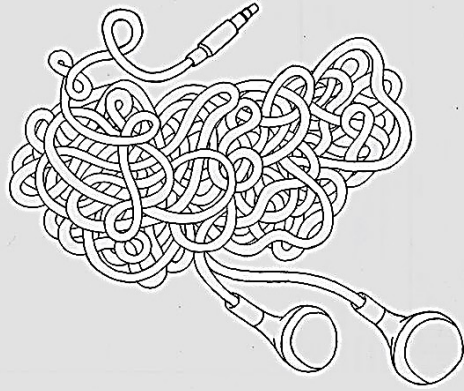
*To Be or 'Knot' to Be:  
Blueprint for a Small Intestine*

Bhargav Sanketi  
Cornell University  
NAGS

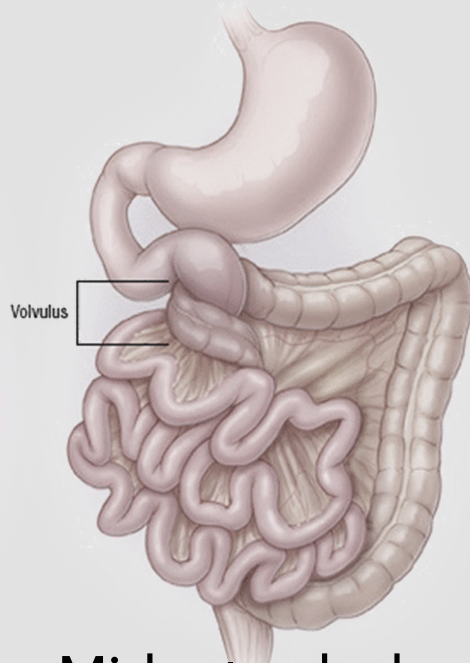
# To be or 'knot' to be

## BLUEPRINT FOR A SMALL INTESTINE

Tangled Earphones

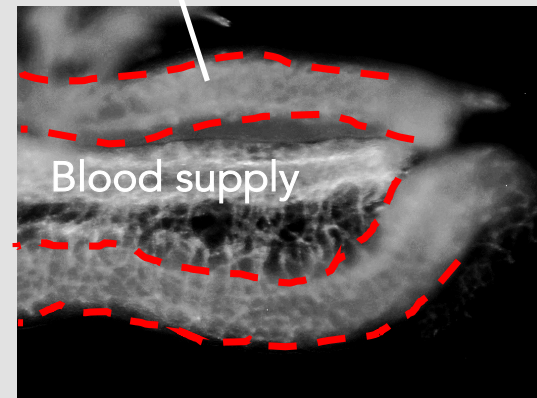
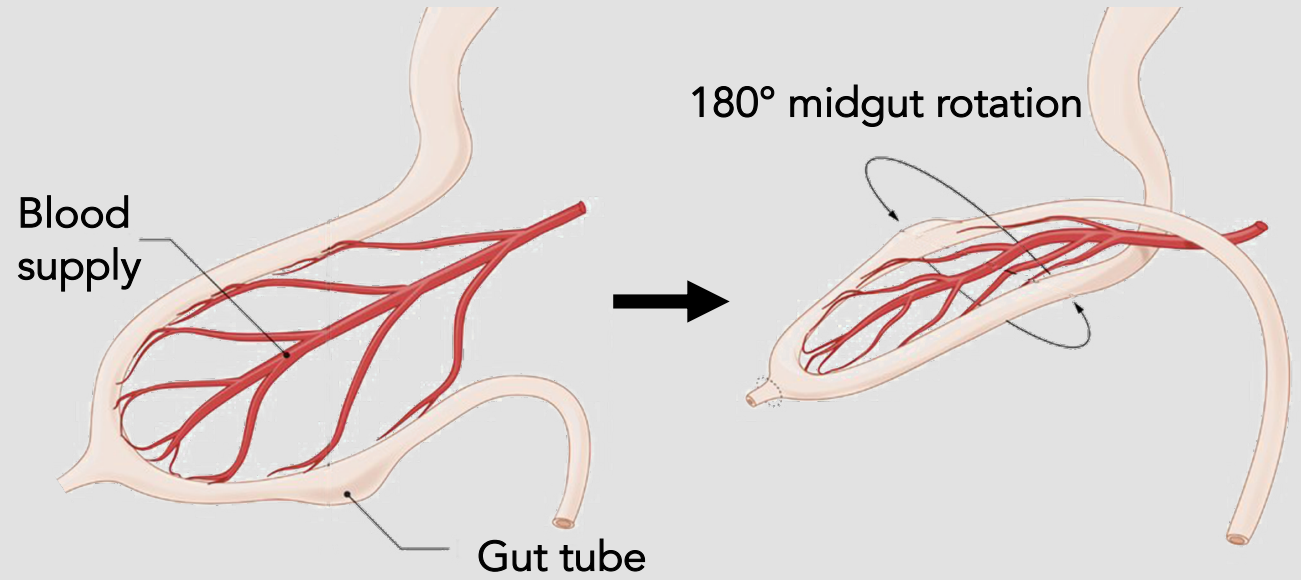


Healthy intestine



Midgut volvulus  
1/500 livebirths

### Gut rotation and blood supply in the embryo





*More than a Bone to Pick:  
Letting the CAT Scan out of the Bag*

Austin Tapp  
Old Dominion University  
CSGS



+



=



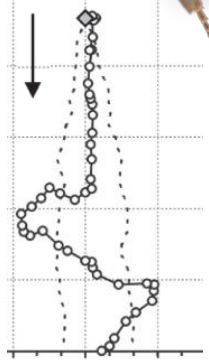
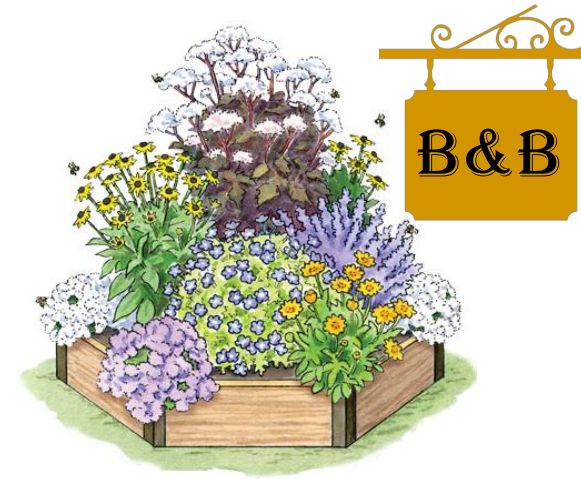




*A Bumblebee Nest Site Roadmap:  
The Saving Grace of Mouse Pee?*

Elana Varner  
Simon Fraser University  
CAGS

# A bumblebee nest-site roadmap: The saving grace of mouse pee?



**17 VS 6**

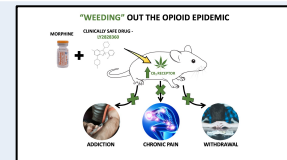
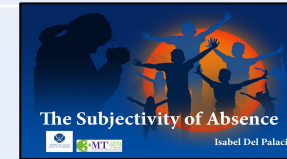
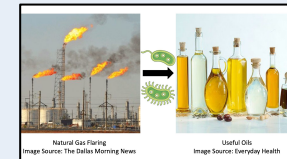
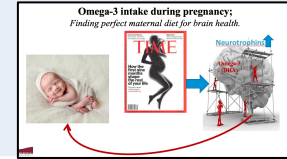
# “People’s Choice” Voting Guidelines

- Voting will remain open for 5 minutes.
- Please do not share the voting URL. Each Zoom attendee may vote once. If multiple users are logged in from a single device, that device may only vote once.

# To Vote: Click on the URL in the Zoom Chat

## Presentations 1-5

1. Olatunji Anthony Akerele. *Omega-3 Intake during Pregnancy: Finding Perfect Maternal Diet for Brain Health*
2. Faraz Alidina. *Persuading Princes, Persuading People: The Stories of Attar, a 13<sup>th</sup>-Century Poet*
3. Angel Badewole. *Conversion of Methane to Useful Oils via Bacterial Digestion*
4. Isabel Del Palacio. *The Subjectivity of Absence*
5. Vishakh Iyer. *“Weeding” Out the Opioid Epidemic*



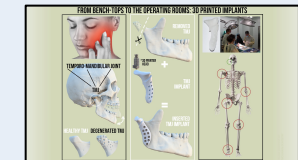
# To Vote: Click on the URL in the Zoom Chat

## Presentations 6-10

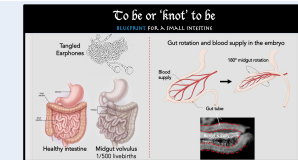
6. Gabriella Mayne. *Birth: What's Love Got to Do with It?*



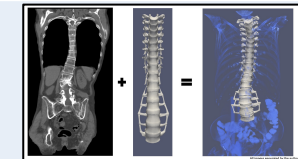
7. Ali Rassi. *From Bench-Tops to the Operating Rooms: 3D Printed Implants*



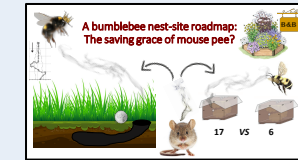
8. Bhargav Sanketi. *To Be or 'Knot' to Be: Blueprint for a Small Intestine*



9. Austin Tapp. *More than a Bone to Pick: Letting the CAT Scan out of the Bag*



10. Elana Varner. *A Bumblebee Nest Site Roadmap: The Saving Grace of Mouse Pee?*





# *Roundtable Discussion*



*Thank you for joining us.  
Congratulations to all 3MT<sup>®</sup> participants!*

*Showcase support provided by:*

