Steering Committee

Agenda for meeting of Thursday, November 21, 2024, 3:00 pm
Location: In person in the Charge on Chamber, Student Union Room 340
Zoom recorded Link:
https://ucf.zoom.us/rec/share/HxMVJwXlsM3raKcx2961sIepjPnpZJSb-lHjaYxP7nG2Cs7UWF7dnryJSLJepro.UE459YaZDufhDCsO
Passcode: n628@tz=

1. [00:00:05] Call to Order 3:00 p.m.

2. [00:00:13] Roll Call via Qualtrics – Faculty Senate Chair Stephen King and Faculty Senate Vice Chair Jeffrey Kauffman.

3. [00:00:22] Approval of Minutes of October 24, 2024 – Minutes approved.

4. [00:00:39] Recognition of Guests

   Tim Letzring, Senior Vice Provost for Academic Affairs

   Joe Harrington, Interim Associate Vice President for Research and Scholarship

   Joel Cramer, Interim Vice Provost for Faculty Excellence

   Beau Case, Dean, UCF Libraries

   Rachel Vacek, Associate Dean, UCF Libraries

   Jennifer Wright, Program Manager, Student Conduct and Academic Integrity

   Jessica Portele, Student, UCF

5. [00:00:52] Announcements

   - Ad Hoc Civil Discourse Committee: The committee aims to meet before the upcoming break.

   - Attestation Form: The Chair and Vice Provost Letzring are collaborating on a draft of the attestation form required by the BOG. Once finalized, it will be shared with the Senate.

6. [00:02:31] Report of the Provost – Dr. Tim Letzring, Senior Vice Provost for Academic Affairs presented the report on behalf of the provost.

   - Acknowledgment: Appreciation was expressed for the work done by faculty on behalf of the university.

   - Upcoming BOT Meeting (December 5th):

     Faculty salary increase contract is expected to be approved.

     The Provost's Office will present proposals for a new Ph.D. and M.S. program in Planetary and Space Science.

   - Faculty and Staff Surveys:

     Data from the COACHE survey is available on the Provost's website and will be reviewed.

     The ModernThink survey recently closed with over 50% university-wide

participation, including over 40% from faculty. Results will be available in December and shared in the spring.

7. Unfinished Business – No unfinished business

8. [00:22:28] New Business

   • Initial Discussion of Artificial Intelligence Policy at UCF

     • Chair King reminded the committee of the Provost's request for assistance in creating an AI policy statement but cautioned against starting with specific AI language to avoid limitations.

     • A short presentation was given by Chair King to initiate the conversation.

     • Representatives from FCTL, Student Success, Office of Research, UCF Libraries, and SGA participated in the discussion.

     • Following the discussion, Chair King proposed forming a subgroup including members from UCF Libraries, Student Success, students, and faculty senators to continue developing the policy.

   • December 5th Senate Meeting Agenda:

     • A motion to include Senior VP Paul Dosal on the agenda to present a campus climate report on student success was approved.

   • University Excellence and Professional Service Committee:

     • Senator Gallo and Vice Chair Kauffman will join Chair King on this committee to select the annual recipient of the Excellence Award.

9. [01:17:55] Committee Reports
   • Motion to make Senator Aimee DeNoyelles as liaison (replacing Senator Michael Proctor) for B&A. Motion approved.
   • All committee liaisons presented their reports.

10. Other Business – No other business

11. [01:29:05] Adjournment – 4:29 p.m.

Daniel Seigler   12/16/2024
Daniel Seigler   Date
Secretary, Faculty Senate

November 21st steering committee chair announcements and report

1st: There is a Board of Trustees meeting Dec 5th at the same time as next our senate meeting. Luckily, both meetings are on the third floor of the student union, so I can move between meetings as needed.

2nd announcement: After the recent call for interest for the ad hoc Civil Discourse committee, we had several faculty indicate their willingness to join the committee. We are trying to set up a meeting before winter break.

3rd: Tim Letzring has been working with the faculty senate leadership on a mechanism that will allow UCF to comply with a recent Board of Governors requirement for the upcoming spring semester. The requirement is that there must be an attestation from the faculty member teaching a course that the faculty will review all course work assigned to students as appropriate for the course, prior to students getting that material.

With 6000+ courses, you can see this is an example of yet another last-minute logistical nightmare coming to use from the Board of Governors.

Once details of the process are worked out, faculty will get communications about how to actually do this.

I will save my actual report until we get the first new business agenda item

Agenda Item:
Our next item is an Initial Discussion of Artificial Intelligence Policy at UCF.
1. At a previous steering meeting this year, Provost Johnson asked for the senate to help with an AI policy statement regarding classroom teaching. With the goal to Give guidance for faculty that is more helpful to faculty and students

Today I do not want to talk about actual language for any such AI policy…If I or others brought language already, we would be prematurely limiting or excluding possible things to consider.

Instead, I have invited representatives from many different constituents to join us today.
FCTL,
Student Government
University Libraries
Student Success and Well Being
Office of Research
And all steering members as representatives of your own units

Today, I hope we can have an open conversation about where AI may fit into campus, with a big picture view of aspects of AI that may be good to consider when we do work on particular language for a policy.

To get us started, I decided to give a presentation of my own thoughts of AI and higher education. After the presentation I hope we can all join in the conversation, sharing our own viewpoints and work towards next steps

[Presentation attached]

Key summary message: In 5 years, graduating students will need AI skills to get a job or to advance in their chosen careers. If UCF doesn't provide the AI skills, then new students will likely go elsewhere to gain those skills.

Therefore, the only way for UCF to stay relevant as a destination of choice for potential students is for us to adapt to the changing AI environment and start teaching appropriate AI skills for all students across campus.

UCF Faculty Senate Steering Provost Update

Thursday, November 21, 2024 | 3 p.m. to 5 p.m.

Student Union, Charge On Chamber, Room 340

- Dr. Tim Letzring, senior vice provost for Academic Affairs, spoke on behalf of Provost Michael Johnson, who could not attend.
- Letzring began his report by thanking senators for their valuable work to support faculty and the university.

Collective Bargaining Agreement Final Approval Pending

- Letzring said the UCF Board of Trustees on Dec. 5 is expected to approve the proposed collective bargaining agreement. Increased pay for eligible faculty would start with the Dec. 13 paycheck.

New Ph.D. in Planetary and Space Science

- Letzring said a new Ph.D. and MS program in Planetary and Space Sciences would be presented on Dec. 5 to the BOT Academic Excellence and Student Success Committee. He said the proposal from the Department of Physics has strong support from state and industry given UCF's leadership in the space economy.

COACHE and Faculty and Staff Experience Survey

- Letzring said data from the current COACHE survey are shared on the Faculty Excellence website.
- Faculty members on a university-wide priority-setting committee – chaired by Senator Michelle Dusseau – have begun exploring results. He said a timeline is forthcoming on when recommendations will go to the provost on how the university can better support faculty. On the Faculty and Staff Experience Survey that closed recently, UCF had more than 50% participation overall, including 44% of faculty responding. Initial results early next year and will share more in the spring.

Reminder on the Dec. 11 Grade Submission Deadline

- Letzring passed along a reminder from the provost for faculty to please submit their semester grades **by the noon, Wednesday, Dec. 11 deadlin**e. He said it's important for advancing student success and in helping UCF reach preeminence, which will bring additional state dollars UCF can use at its discretion.

Closing

- Letzring again thanked senators for their service and wished all a Happy Thanksgiving.

Villain or Hero?
What's the Future of
Artificial Intelligence in Society...
and in Higher Education

The Early Monsters and Villains of Artificial Intelligence:

Cyberdyne Systems Model 101

1990s Monsters and Villains of Artificial Intelligence::

The Matrix Series
(1999-2003)

Agent Smith

Recent Monsters and Villains of Artificial Intelligence:

What's the Future of Artificial Intelligence in Society and in Higher Ed

Have You Ever Used an AI?

Forays into Art…

The Future Anything

Let's Think Ahead:

      Students

      Faculty

      Administration

The World is Changing…

- Have You Ever Used an AI tool?

? ?

- Have You Ever Used an AI tool?

- Google Maps?

- iPhone auto-fill?

- Spam filter?

- Online music suggestions?

- Siri? Alexa?

and on and on

- Have You Ever Used an AI tool?

- https://www.futuretools.io/
  - 2329 AI tools in December, 2023….
  - 2741 AI tools in April, 2024
  - 3018 now!
  - Will be even more tomorrow…and the day after…
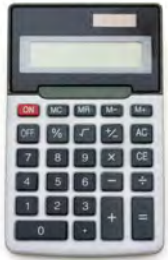
- Have You Ever Used an AI tool?

  - Disruptive Technologies
    - Printing Press
    - Calculator
    - Internet
    - Google
    - Smart Phones
    - Current Artificial Intelligence Apps
    - Next Generation Artificial Intelligence Apps
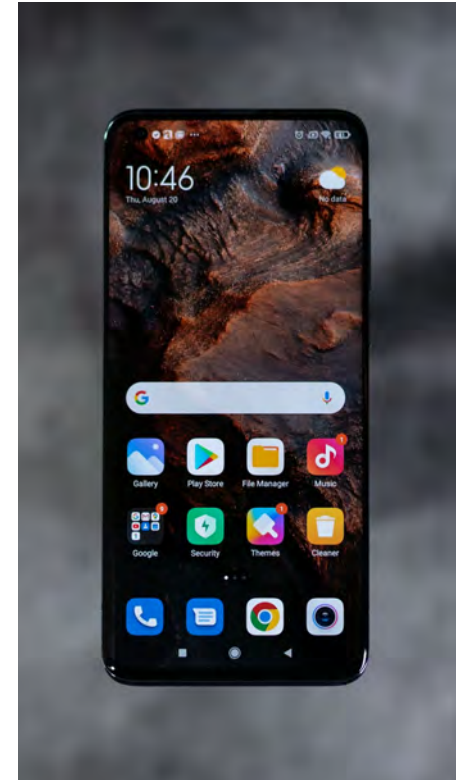
AI examples

- Generative AI

    - Text generation   Chat-GPT & Bing (& many more!)

    - Picture generation   DALL-E & Midjourney

    - Music Generation   Magenta & WaveNet

AI examples

- Non-Generative AI

    - Recommendations　　　　Netflix & Your Favorite Music App

    - Medical Imaging　　　　Computer Assisted Diagnosis (Xrays, MRIs, CT, etc)

    - Robotics　　　　　　　(Control Algorithms, Build Maps)

What's the Future of
Artificial Intelligence in Society

Have You Ever Used an AI?

Forays into Art…

Let's Think Ahead:

  The Future Anything

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The World is Changing…

MIDJOURNEY FOR THE WIN!

MIDJOURNEY FOR THE WIN!

- The artist inputted at least 624 text prompts.

- The prompts adjusted the scene, tone and focus of the image.

- Also the style and era of art the image should display.

My Turn!
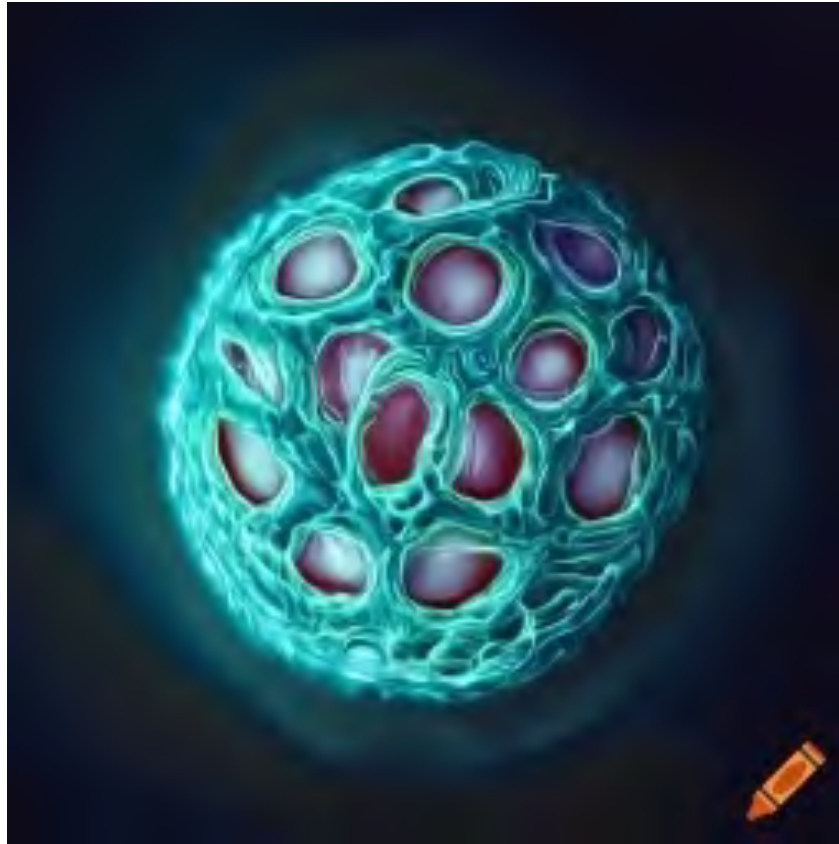
Craiyon
show a mammalian cell, with microtubules inside it, with the microtubules emanating from two small barrel like proteins that are set at 90 degree angles from each other

Adobe firefly

show a mammalian cell, with microtubules inside it, with the microtubules about 1/50th the diameter of the cell. the microtubules should all have one end emanating from two small barrel like proteins that are set at 90 degree angles from each other

My Goal...
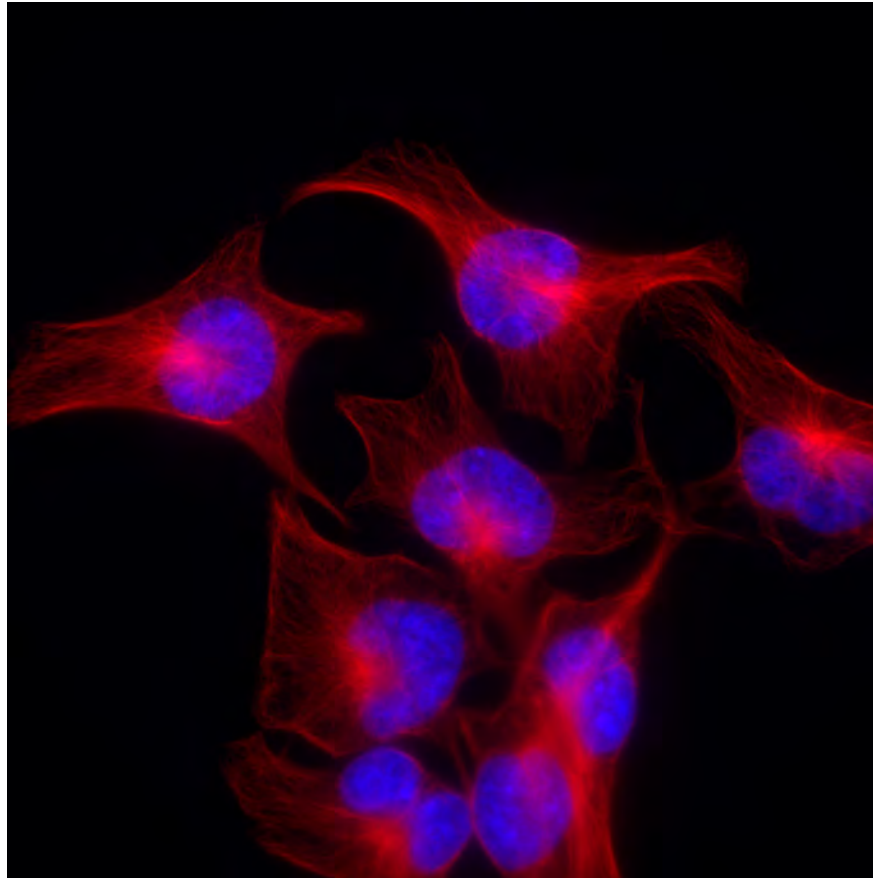
Real image of mammalian cells with fluorescent red microtubules, the microtubules are about 1/50th the diameter of the cell and all start in a position near the center of the cell. A vibrant fluorescent blue nucleus is visible in the cell center
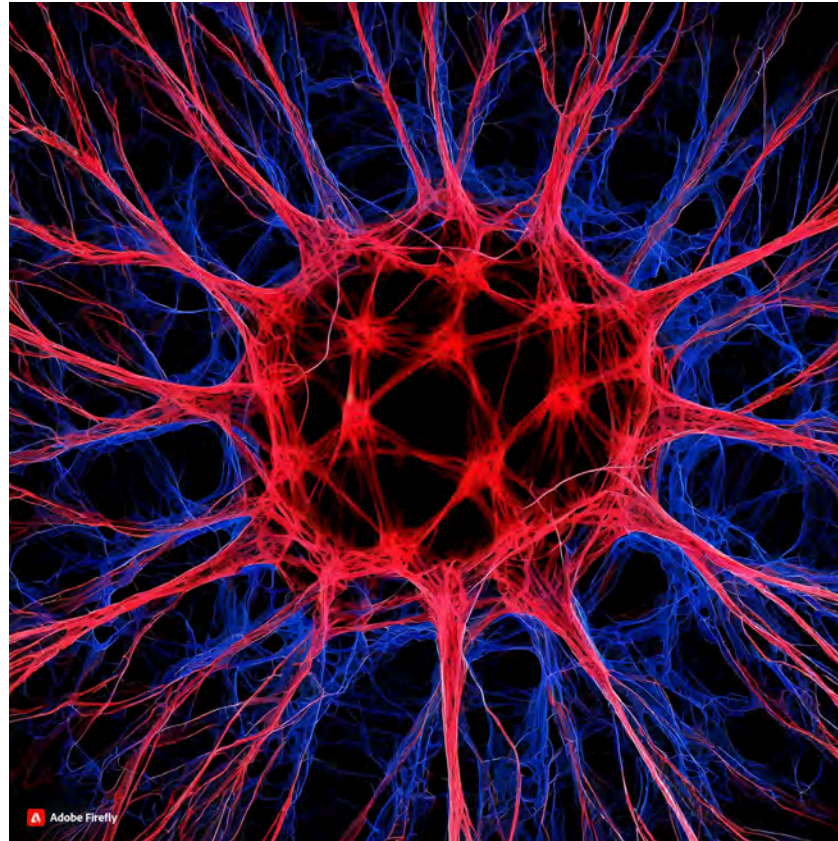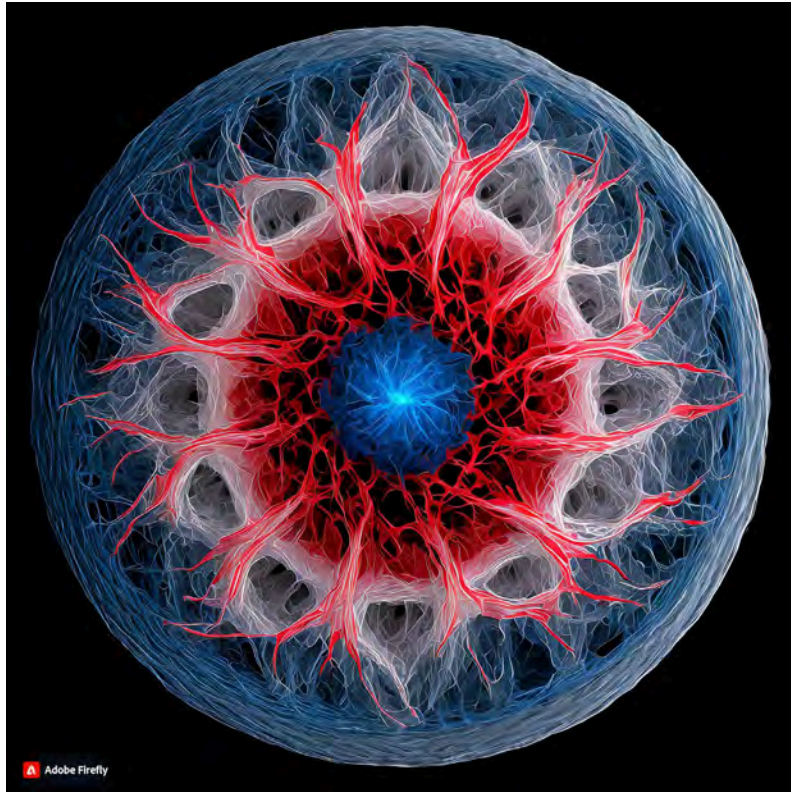
only use red, a deep blue, and black with no other colors. show a black background, with red fluorescent microtubules visible. These microtubules are found in a single cell, but the cell itself is invisible. The diameter of the microtubules are about 1/50th the cell diameter, and the microtubules all have one end near the cell center, and they spread outwards in all directions until they reach the edges of the cell. All microtubules have the same diameter, but can have variable brightness. At the center of the cell the deep vibrant blue nucleus is visible, and takes up 10% of the cell volume

only use red, a deep blue, and black with no other colors. show a black background, with red fluorescent microtubules visible. These microtubules are found in a single cell, but the cell itself is invisible. The diameter of the microtubules are about 1/50th the cell diameter, and the microtubules all have one end near the cell center, and they spread outwards in all directions until they reach the edges of the cell. All microtubules have the same diameter, but can have variable brightness. At the center of the cell the deep vibrant blue nucleus is visible, and takes up 10% of the cell volume. the single nucleus has a uniform solid blue spherical shape

only use red, a deep blue, and black with no other colors. show a black background, with a vibrant deep blue mostly spherical nucleus in the center of the image. An array of red fluorescent microtubules all have one end at a single point near the nucleus and spread outwards in all spherical directions until the reach an invisible limit. The microtubules are all uniform diameter, and are approximately 1/50 the diameter of the nucleus
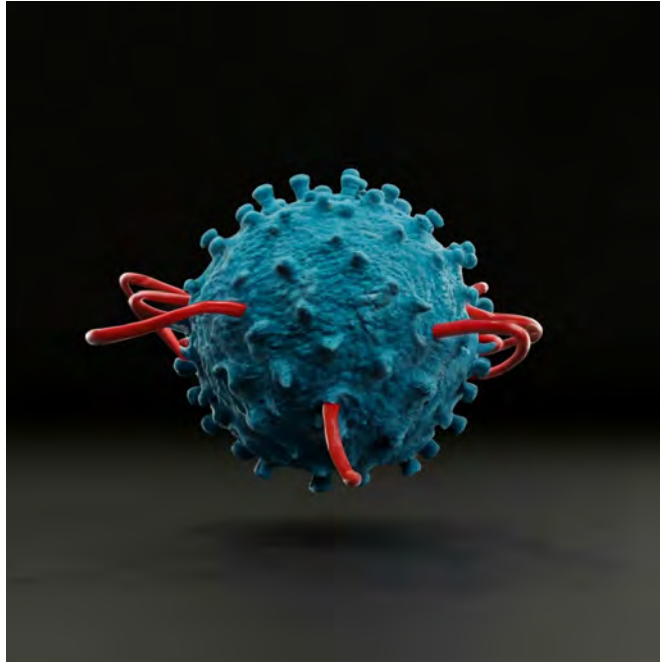
Ideogram:
a black background with a fluorescent deep vibrant blue spherical object taking up 10-20 of the space. the blue should be monochromatic and have a uniform surface. outside that have monochromatic red microtubules that all touch the blue sphere at one point, and the other end is extended outward

My Take Aways ?
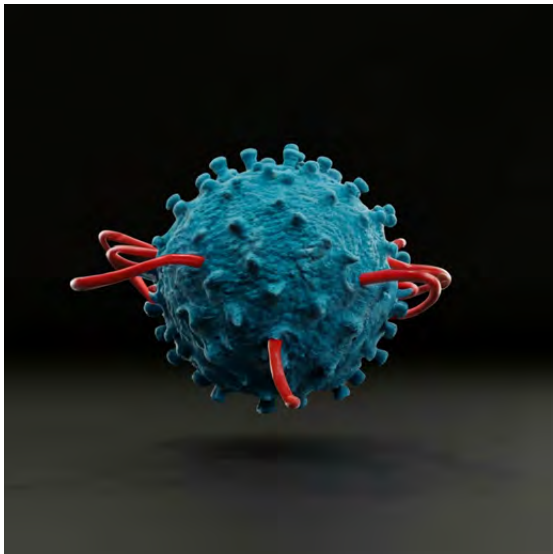
What's the Future of Artificial Intelligence in Society

Have You Ever Used an AI?

Forays into Art…

Let's Think Ahead:

    The Future Anything

    Students

    Faculty

    Administration

The World is Changing…

Let's Think Ahead

- Future of Research
- Future of Teaching
- Future Workforce
- The Future of Anything

Let's Think Ahead

- Future of Research   AI and the Future of Research
- Future of Teaching   AI and the Future of Teaching
- Future Workforce   AI and the Future Workforce
- The Future of Anything   AI and the Future of Everything

Make wallpapers with AI

Meet your future kid
With the power of AI

- **Students:**
  - Prepare Yourselves
  - Add AI Tools to Your Toolbox
  - Don't Cheat Yourselves
  - AI Regurgitator vs AI Enhancer

TOP 5 AI-POWERED
IMAGE GENERATION
TOOLS FOR
CREATING
HIGH-QUALITY
IMAGES

- Students:
  - Prepare Yourselves
  - Add AI Tools to Your Toolbox
  - Don't Cheat Yourselves
  - AI Regurgitator vs AI Enhancer
- **Faculty:**
  - Should be Testing Now
  - Add AI Tools to their Toolbox
  - Continue to Learn and Adapt

- Students:
  - Prepare Yourselves
  - Add AI Tools to Your Toolbox
  - Don't Cheat Yourselves
  - AI Regurgitator vs AI Enhancer
- Faculty:
  - Should be Testing Now
 - Add AI Tools to their Toolbox
  - Continue to Learn and Adapt
- **Administrators:**
  - Facilitate Faculty, Guide the Change for All
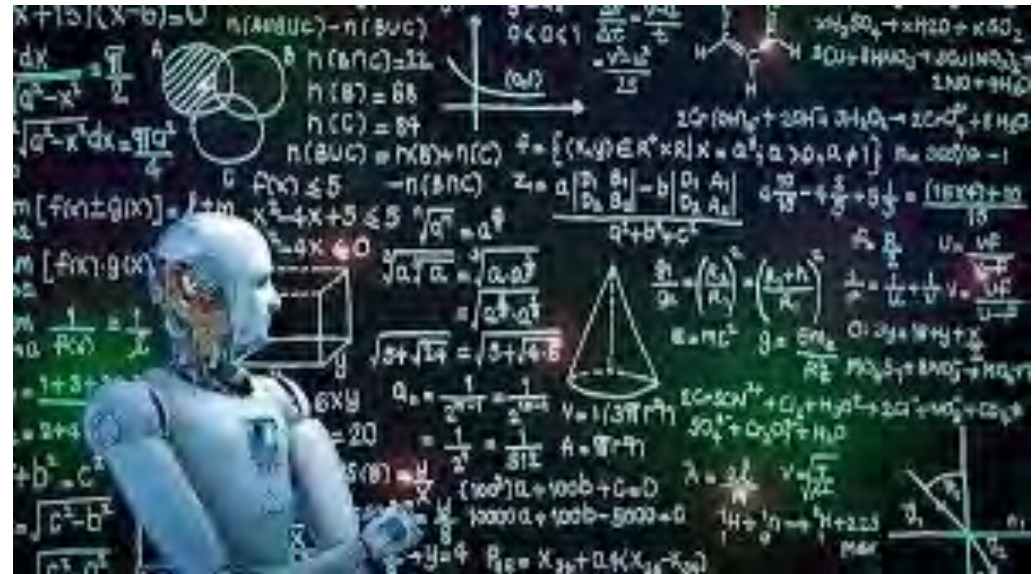
- YOU need to become AI Fluent in an AI Literate World
  - Understand the Range of AI Applications
  - Know How to Learn AI tool skills
    - Benefits of AI
    - Limitations of AI
    - Ethics of AI
    - Bias of AI
    - Privacy in an AI World
    - Security in an AI World
  - Don't let the Tool Control You
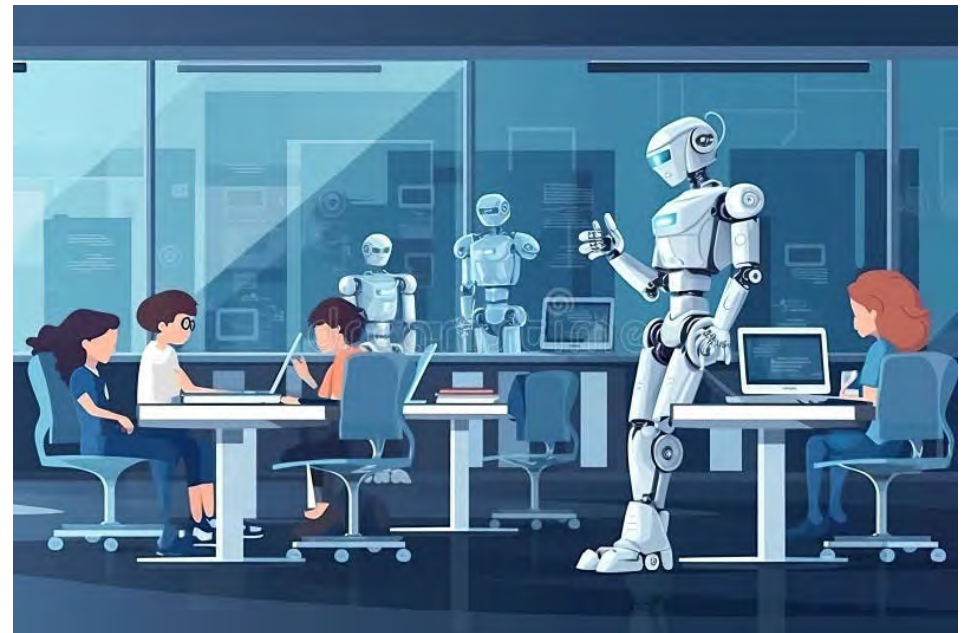
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The World is Changing…

What options do organisms have when the environment around them changes?

What options do organisms have when the environment around them changes?

- MOVE

What options do organisms have when the environment around them changes?

- ADAPT

What options do organisms have when the environment around them changes?

-

or

- DIE

What options do we have
now that Artificial Intelligence is here?

- MOVE

- ADAPT

    or

- DIE

What options do we have now that Artificial Intelligence is here?

- MOVE

- ADAPT

  or

- DIE

Villain or Hero?
What's the Future of
Artificial Intelligence in Society…
and in Higher Education

Stephen King

Associate Professor, Burnett School of Biomedical Sciences

College of Medicine, University of Central Florida

Chair, UCF Faculty Senate

Member, UCF Board of Trustees