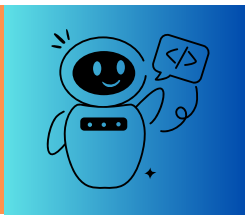
Artificial Intelligence

UF AI BLUESKY TASKFORCE

Taskforce Full Report: April 2025

Report Authors: Dr. Jane Southworth, Dr. Kati Migliaccio, & Sarah Vanschoick

UF AI Taskforce



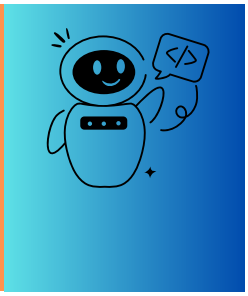
Overview

The **UF AI Blue Sky Visioning Taskforce** was charged with developing a bold and innovative vision for how the University of Florida can lead in AI-driven higher education over the next five years. This initiative embodied the principles of blue sky thinking, encouraging participants to dream beyond current constraints and imagine the transformative potential of AI at UF. The Taskforce was initiated by Provost Glover in October of 2024, and led by co-chairs Dr. Kati Migliaccio and Dr. Jane Southworth.

Blue sky visioning processes are often used in strategic planning to generate innovative, unconstrained ideas that can later be refined into actionable strategies. These processes thrive on inclusivity, creativity, and collaboration, ensuring that diverse perspectives are captured. At UF, we aimed to apply these principles at scale by engaging faculty, staff, students, and external stakeholders through a series of interactive workshops designed to inspire, collect, and refine groundbreaking ideas for UF's AI ecosystem.

The UF AI BlueSky Visioning Taskforce workshops were a resounding success, engaging hundreds of participants in bold, creative thinking. With the tools and processes proposed, the taskforce can now move from ideation to actionable strategy, ensuring that UF remains at the forefront of AI-driven education and research. By leveraging both human expertise and AI capabilities, we can distill this wealth of input into a cohesive and inspiring vision for UF's future.

UF AI Taskforce Co-Chairs & Members



Taskforce Co-Chairs

Dr. Kati Migliaccio, Dean, CALS & Dr. Jane Southworth, Chair, Department of Geography, CLAS

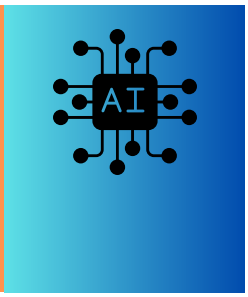
List of Taskforce Members

- *Jacob Albert, UF Undergraduate Student*
- *Azra Bihorac, UF Health, Sr Assoc Dean Research*
- *Alexandra Bitton-Bailey, Director, Center for Teaching Excellence*
- *Ziynet Boz, Assistant Professor, IFAS*
- *Sid Dobrin, Dept of English Chair, CLAS*
- *Elias Eldayrie, UF CIO*
- *Ja'Net Glover, Executive Dir. C3, Interim Assoc VP for Career and Integrated Partnerships*
- *Jenna Gonzalez, Director, Disability Resource Center*
- *Joel Harley, Associate Professor, HWCOE*
- *Amber Hatch, UF Graduate Student*
- *Patricia Kio, Assistant Professor, DCP*
- *Chris McCarty, Assoc Dean, CLAS*
- *Jasmine McNealy, Professor, CJC*
- *David Reed, Associate Provost*
- *Aniruth Venkedesh, UF Undergraduate Student*
- *Amelia Winger-Bearskin, Chair, Digital Worlds Institute*
- *Alina Zare, Director, UF IIAIRI*

The taskforce met at key points in the process to provide input:

Date	Meeting purpose
November 18, 2024	Taskforce Charge and workshop experience
January 6, 2025	Zoom meeting with Chris Malachowsky and update on workshops
February 21, 2025	Review of workshop ideas with taskforce and identification of top priority ideas
April 5, 2025	Executive Summary from UF AI Bluesky Taskforce submitted to Provost Glover
April 30, 2025	Complete Report from UF AI Bluesky Taskforce submitted to Provost Glover

Key Themes Identified Across Workshops



Key Themes Identified Across Workshops: Through the analysis of all 11 workshops, five dominant themes emerged:

1. **AI-Driven Education & Personalized Learning** – The idea of AI-powered tutors, study assistants, and adaptive learning platforms was a recurring theme across nearly all sessions.

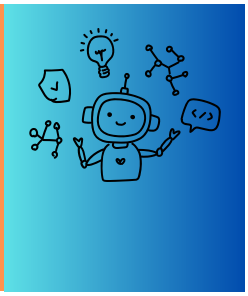
2. **AI for Research & Interdisciplinary Collaboration** – Participants highlighted the need for an AI-driven research ecosystem that enhances collaboration and standardizes data access.

3. **AI for Campus Operations & Sustainability** – AI solutions for optimizing transportation, energy efficiency, and resource management were widely discussed.

4. **AI-Driven Student & Faculty Support** – AI-based career advising, faculty workload management, and mental health monitoring were frequent suggestions.

5. **AI Governance, Ethics, & Responsible AI Adoption** – Participants emphasized the need for AI governance, ethical guidelines, and AI literacy training across the university.

Taskforce Recommendations for Review



The UF AI BlueSky Visioning Taskforce synthesized insights from 11 workshops to define the top transformative AI initiatives for the University of Florida. These **seven strategic themes** aim to enhance research, education, campus operations, and sustainability through AI-driven innovation.

1. UF AI Personal Assistants: Intelligent Support for All

Goal: Develop AI-powered personal assistants tailored for students, faculty, and staff to enhance learning, research, and campus life.

Key Features:

- AI agents trained on UF-specific data for personalized assistance.
- Academic support: AI tutors, course material development, real-time captioning & translation.
- Student life and career planning guidance.
- Faculty and staff support: grant-finding, research assistance, administrative help.
- Integration across UF systems for seamless navigation of campus services.

2. UF as a Living AI Laboratory: Data-Driven Insights for Innovation

Goal: Transform UF into an AI-powered 'Living Lab' using real-time data for research, teaching, and sustainability.

Key Features:

- A **UF Digital Twin** that integrates real-time campus data for modeling, monitoring, and optimization.
- Interdisciplinary research opportunities using AI-driven campus insights.
- Sustainability applications: environmental impact tracking, resource efficiency, smart infrastructure.
- Open data hub for students and faculty to explore and contribute to real-world applications.

3. Human-AI Collaborative Agents: Intelligent Automation with a Human Touch

Goal: Develop AI-driven organizational agents that assist students, faculty, and staff while keeping humans in the decision loop.

Key Features:

- **Student AI Assistants** for advising, tutoring, financial aid, mental health support, and career guidance.
- **Faculty AI Tools** for research support, teaching enhancement, and lab operations.
- **Staff AI Agents** to streamline administrative workflows and operational efficiency.

- AI-powered **real-time language translation and accessibility tools**.
- Ethical AI integration with clear privacy and governance frameworks.

4. AI Infrastructure & Data Strategy: Building UF's AI Ecosystem

Goal: Establish a robust AI and data infrastructure to support research, teaching, and administrative efficiency.

Key Features:

- A unified **AI data strategy** for managing and optimizing UF's digital assets.
- Development of **UF-specific AI models (LLMs)** to support various disciplines and university functions.
- AI-driven **business and resource management** for more efficient campus operations.
- Expansion of AI research collaborations across UF, K-12 education, and the state.

5. AI Literacy & Workforce Readiness: Empowering the UF Community

Goal: Ensure AI literacy across students, faculty, and staff, equipping them with the skills needed for the AI-driven future.

Key Features:

- Expanded **AI training programs** for all UF members through the AI2 Center.
- Faculty development programs for **AI-powered teaching innovations**.
- AI as an **intellectual amplifier**: personalized learning, authentic assessment, and critical thinking.
- Ethical AI literacy and practical AI application training for diverse disciplines.

6. AI for Environmental Resilience & Sustainability

Goal: Leverage AI and digital twin technologies to enhance UF's sustainability and resilience.

Key Features:

- **AI-powered environmental monitoring** for natural resource management.
- **Smart infrastructure** optimization using real-time sensing data.
- A research-driven **AI Sustainability Lab** to study campus-wide ecological impact.
- Ethical and privacy-focused AI integration for environmental research.

7. AI & Robotics for Smart Campus Operations

Goal: Use AI-driven robotics and automation to enhance UF's operational efficiency.

Key Features:

- AI-powered robotics for **campus maintenance and facilities management**.
- Smart automation for energy efficiency, safety monitoring, and logistics.
- Research and development of AI-powered **robotic systems for hands-on student learning**.
- Integration of robotics into UF's **Living AI Lab** for testing and real-world applications.

While these seven strategic recommendations involve the application and deployment of AI technologies to the end of enhancing research, education, campus operations, and sustainability, the Task Force acknowledges the need to situate these proposed approaches within contexts that must inform UF's approach to AI:

- In all aspects, UF must engage AI and GenAI technologies with responsible use as paramount.
- All AI and GenAI development must account for policies and regulations ranging from the federal to the local.
- UF must develop efficient compliance protocols.
- UF should consider possible avenues through which UF proprietary data might serve broader collaborations and other entrepreneurial enterprises.
- Given the diverse AI platform needs of teachers, researchers, and other UF community members, UF should consider new funding approaches for platform adoption (for example, for specific course platforms, a model akin to the textbook adoption policy might be valuable).
- All engagements with AI and/or GenAI technologies should contribute to enhancing the human experience and support human thought, learning, and knowledge–making.
- In addition to focusing on AI application, UF should concurrently explore the ramifications and impact of AI on society and the environment. That is, AI application should always be paired with considerations of conceptual AI.

Workshop Process Overview

Our workshop design balanced creativity with structure to encourage open-ended brainstorming while ensuring meaningful outcomes. We created a three-part format that combined fun, engaging activities with structured collaboration and synthesis.

Workshop Format and Activities

1. Introduction and Icebreaker: Setting the Stage

Each session began with a brief overview of the taskforce's goals, emphasizing the importance of participant contributions to shaping UF's AI future. Participants were introduced to the concept of blue-sky thinking, where the focus was on potential rather than constraints.

The icebreaker activity, **"AI Superpower,"** was used to encourage imaginative thinking and create an open, collaborative environment. Participants shared their names and answered the prompt:

"If AI could give you any superpower, what would it be?"

2. "Bad Ideas Welcome!": Creative Exploration Through Inversion

To warm up participants' creativity, we employed a playful brainstorming activity called **"Bad Ideas Welcome!"** Teams were tasked with generating the most outrageous, impractical, or "bad" ideas related to ignoring or misusing AI advancements in higher education. By focusing on what not to do, participants clarified priorities and explored the creative potential of opposite approaches.

3. Structured Brainstorming and Idea Expansion

Participants then moved to the central brainstorming activity:

- **Step 1**: Each participant generated a single idea in response to the prompt: "Shaping the Future of AI-Driven Education: How do we create the tools, resources, and institutional structures necessary to meet the fast-evolving AI needs and expectations of faculty, staff, students, and external partners?"
- **Step 2**: Ideas were written on large sticky notes and displayed around the room. Participants rotated through the ideas, adding positive comments, suggestions, and expansions to create a rich, collaborative discussion.
- **Step 3**: Participants synthesized their original idea with the group's input and presented the refined concept to the room.

Voting and Prioritization

To close, participants used a star voting system to identify their favorite ideas based on excitement and potential impact. This step provided preliminary insights into which ideas resonated most with the group.

Workshop Schedule and Participation

Live Workshops for UF Faculty, Staff, and Students

- **November 18, 2024, 10:00 AM-12:00 PM TASKFORCE MEMBERS ONLY**
- **December 10, 2024, 2:00–4:00 PM**
- **December 18, 2024, 2:30–4:30 PM**
- **December 20, 2024, 2:30–4:30 PM**
- **January 8, 2025, 9:00–11:00 AM**
- **January 24, 2025, 2:00–4:00 PM**
- **January 28, 2025, 10:00 AM–12:00 PM**

Workshops for External Stakeholders

- **December 9, 2024, 5:00–7:00 PM – UF/IFAS 4-H Participants (online)**
- **January 15, 2025, 11:00 AM–1:00 PM – Oak Hall High School**
- **December 16, 2025, 12:00–2:00 PM – P.K. Yonge High School**

Asynchronous Workshop

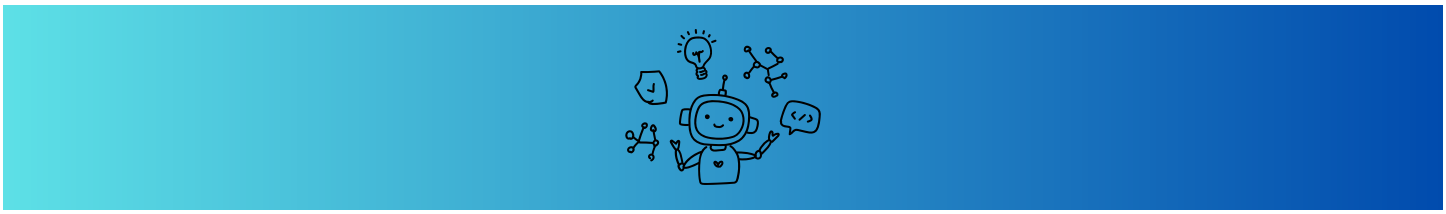
- **January 20–26, 2025 – Canvas Workshop for Off-Campus and Remote Participants**

Industry meetings at AI2 Summit in Orlando February 2025

EAB, Instructure, Google, HarmonizeLearning, Turnitin

Conclusion & taskforce recommendations

The UF AI BlueSky Visioning Taskforce workshops were a resounding success, engaging hundreds of participants in bold, creative thinking. With the tools and processes proposed, the taskforce can now move from ideation to actionable strategy, ensuring that UF remains at the forefront of AI–driven education and research. By leveraging both human expertise and AI capabilities, we can distill this wealth of input into a cohesive and inspiring vision for UF's future.



Input data to report: preliminary findings & reports from each individual workshop

Final Taskforce Top 6 Ideas to Move Forward with – and descriptions [direct from notes at meeting]

The UF AI BlueSky Visioning Taskforce met to review ALL ideas developed from the 11 workshops. The taskforce broke into groups to develop their top themes and presented their ideas back to the entire taskforce. As a single group the taskforce then worked to combine ideas and to determine what their top ideas were. This list will be returned to the taskforce once more for final review – this is what helped produce the top 7 ideas presented at the front of this report. Here are these ideas for this final stage of evaluation – they were refined above for the final review by the taskforce but their actual notes form the meeting are captured directly here.

1. UF Related Personal AI Assistants

- University level personal assistants
- Personal AI Agents
  - Trained on UF data
  - Helps with all aspects of campus life
  - Tutor
  - Class schedule
  - Student life/career planning
  - Organizational agents
  - Staff agents
  - Faculty
- Finding funding
- Build course materials

- Personalized agent for all UF members
- Personalized AI Tutor
- Real-time captioning/translating service

2. Living Laboratory

- Data for digital twin
- Digital Twin -> synthesizes everything across campus
- Encourage interdisciplinary collaboration
- Provide an immersive experience for students
- Optimize/Observe + real-time monitoring and auditing. Natural resources and environmental impact
- Online hub for accessing the living laboratory data
- Integrate into university operations
- Integrate into teaching and student experience

3. UF Agents (w humans in the loop)

- Organizational agents
  - Back office ops
- Staff agents
- Faculty agents
  - Support teaching, research, labs ops
- Student agents
  - Advising, tutoring
  - Tuition, career planning
  - Mental health services & well=being
  - Real-time capturing/translating
  - Personalized learning
  - Student life

4. UF AI Ecosystem

- Resource Management
  - processes
- Business/Administrative Management
- Data infrastructure ecosystem & software infrastructure
- AI Data Information Strategy
- Software stacks to support main efforts like agents
- Create collaborations across higher education, university, K-12, state
- Assisting the UF community in building and using specialized, field specific, proprietary LLMs

5. AI Literacy Training

- Expanding on the AI2 Center – required?
- Comprehensive training and professional development in AI for faculty to teach innovatively
- Using AI to increase/multiply your own capacity-brain capacity
  - AI as a multiplier
- Personalized learning
  - Authentic assessment

- Focus on process and deeper learning

6. Natural Resource Impacts & Resilience

- Digital Twins for campus
  - Infrastructure
  - Sensing equipment
- Living laboratory
  - Must address privacy issues
- Research living-lab

7. Robotics to support facilities needs

UF AI BlueSky Visioning Taskforce: Top 10 AI Ideas & Strategic Justification

To provide input to the final taskforce meeting we used LLM and other tools to help synthesize across all workshops. We then produced this list of top ten ideas. We did not share this list with the taskforce until after they had developed their own lists from the workshop materials – we then used all available synthesis materials to determine which ideas to move forward.

The UF AI BlueSky Visioning Taskforce conducted 11 workshops to identify transformative AI-driven initiatives for the university's future. This summary report presents the **top ten ideas** that emerged, synthesizing overlapping concepts and prioritizing those with the greatest potential impact, feasibility, and alignment with UF's strategic goals. These ideas were chosen based on their recurrence across workshops, anticipated benefits, and implementation practicality. This list was developed by the Cochairs of the taskforce and share with the full taskforce ONLY after they had determined their own list of ideas and priorities. The taskforce could then incorporate any of these concepts into their final writeup of each idea which their final presented priorities list was based on.

1. AI-Powered Personalized Learning Assistants

- One of the most frequently discussed ideas across workshops.
- Enhances student learning by providing individualized tutoring, real-time feedback, and adaptive coursework suggestions.
- Supports diverse learning styles and scales UF's educational resources.

2. AI-Driven Research Hub & Data Collaboration Platform

- Facilitates interdisciplinary research by connecting faculty and students with shared AI tools.
- Creates a centralized AI research data repository for secure and standardized data sharing.
- Leverages UF's existing AI infrastructure, including its supercomputer and NVIDIA partnerships.

3. AI for Sustainable Campus Operations

- Uses AI to optimize UF's energy consumption, traffic flow, and waste management.

- Supports the university's sustainability goals while reducing operational costs.
- Incorporates digital twin technology to model campus efficiency.

4. AI-Powered Career & Advising Tools

- Enhances student career readiness through AI-driven skill matching, job placement, and career path visualization.
- Reduces advisor workload by automating routine advising tasks.
- Provides real-time insights into job market trends and alumni career trajectories.

5. AI-Enabled Faculty & Research Support Systems

- Helps faculty manage workloads, research grants, and collaborations more efficiently.
- AI-powered document analysis for funding opportunities and literature reviews.
- Supports interdisciplinary partnerships through AI-driven research matchmaking.

6. AI-Integrated Mental Health & Student Support Services

- Addresses student well-being using AI-powered early intervention systems.
- Uses natural language processing to detect signs of stress in students.
- Enhances access to mental health resources while maintaining privacy and ethical considerations.

7. AI-Powered Smart Scheduling & Resource Optimization

- Reduces campus congestion by optimizing class schedules, room assignments, and resource allocation.
- AI-driven traffic flow management improves transportation efficiency.
- Ensures equitable access to high-demand courses and facilities.

8. AI-Enhanced Ethical Governance & AI Literacy Training

- Establishes an AI governance framework to oversee responsible AI use at UF.
- Implements AI literacy programs for faculty, students, and staff to enhance responsible AI engagement.
- Develops bias detection and transparency mechanisms to ensure ethical AI deployment.

9. AI for Experiential & Lab-Based Learning

- Expands hands-on learning opportunities through AI-driven lab simulations and virtual experimentation.
- Provides real-time feedback on lab experiments, reducing material costs and enhancing accessibility.
- Supports remote learning in STEM fields with AI-powered virtual labs.

10. AI for Real-Time Research Paper & Grant Proposal Assistance

- AI-driven writing assistance for research proposals, journal submissions, and academic papers.
- AI-powered citation and literature review tools that streamline the research process.
- Enhances UF's research output by improving efficiency in academic publishing.

Conclusion & Strategic Path Forward

These ten AI initiatives represent the most impactful, feasible, and transformative ideas that emerged across the 11 workshops. By strategically implementing these concepts, UF can position itself as a national leader in AI-driven education, research, and campus innovation. With a strategic focus on these initiatives, UF can leverage AI to drive innovation, enhance learning, and improve institutional efficiency, ensuring long-term success in an AI-powered future.

UF AI BlueSky Visioning Taskforce Workshop Findings & Recommendations

Introduction The UF AI BlueSky Visioning Taskforce conducted **11 workshops** to gather bold, transformative ideas for AI-driven education and research at the University of Florida. The workshops engaged faculty, students, staff, and external stakeholders to identify high-impact AI opportunities across various domains. This report synthesizes the most promising and innovative ideas and provides recommendations for strategic implementation.

Summary of Workshop Themes & Most Popular Ideas

Key Themes Identified Across Workshops

Through the analysis of all 11 workshops, five dominant themes emerged:

1. **AI-Driven Education & Personalized Learning** – The idea of AI-powered tutors, study assistants, and adaptive learning platforms was a recurring theme across nearly all sessions.
2. **AI for Research & Interdisciplinary Collaboration** – Participants highlighted the need for an AI-driven research ecosystem that enhances collaboration and standardizes data access.
3. **AI for Campus Operations & Sustainability** – AI solutions for optimizing transportation, energy efficiency, and resource management were widely discussed.
4. **AI-Driven Student & Faculty Support** – AI-based career advising, faculty workload management, and mental health monitoring were frequent suggestions.
5. **AI Governance, Ethics, & Responsible AI Adoption** – Participants emphasized the need for AI governance, ethical guidelines, and AI literacy training across the university.

Top 5 Most Popular Ideas

Based on their frequency across workshops, impact, and feasibility, the most popular AI ideas are:

1. **AI-Powered Learning Assistants** – Personalized AI tutors that track progress, provide real-time feedback, and suggest tailored coursework improvements.
2. **AI Research Hub & Data Repository** – A centralized AI research infrastructure that facilitates collaboration, enhances data accessibility, and integrates with existing UF AI capabilities.
3. **AI-Optimized Campus Operations** – AI-driven scheduling for classrooms, predictive traffic and transportation planning, and smart sustainability initiatives.
4. **AI for Career & Academic Success** – AI-powered career matching, job placement, and advising tools tailored for students, as well as workload optimization for faculty.
5. **AI Governance & Ethical Frameworks** – Development of university-wide AI policies, bias detection tools, and responsible AI use training programs.

Analysis of Input Ideas & Workshop Trends

- **Recurring Topics:** Many ideas were presented across multiple workshops, reinforcing their importance. AI in education, research collaboration, and campus operations were discussed in nearly every session.

- **Innovative & Unique Ideas:** Some workshops presented novel AI applications, such as AI-assisted lab experiments, real-time research paper recommendations, and AI-supported student mental health interventions.
- **Implementation Feasibility:** While some ideas can be implemented within a year (e.g., AI tutors, AI ethics training), others require multi-year investments (e.g., AI research hub, digital twin technology for campus operations).
- **Cost Considerations:** Ideas ranged from low-cost implementations (AI advising chatbots) to high-cost investments (campus-wide digital twins and AI-powered sustainability projects).

Strategic Recommendations & Implementation Roadmap

Short-Term (0-1 Year):

- Develop AI-powered tutoring systems for targeted general education courses.
- Pilot AI-driven career advising tools for students.
- Establish an AI Ethics & Governance Board.

Medium-Term (2-3 Years):

- Implement AI-driven sustainability initiatives, including energy optimization and predictive analytics for campus resource management.
- Expand AI literacy training for faculty and students.
- Create data sharing and accessibility capabilities for research and administrative purposes.

Long-Term (5+ Years):

- Develop a full AI-driven digital twin of UF's infrastructure for predictive analytics and optimization.
- Implement fully adaptive learning pathways for university-wide AI-powered education.
- Establish UF as a national leader in AI governance and ethical AI deployment.

Conclusion The UF AI BlueSky Visioning Taskforce workshops have revealed a wealth of AI-driven opportunities that can significantly enhance education, research, and campus operations at UF. Prioritizing the **most impactful and feasible AI initiatives** will help the university maintain a leadership position in AI innovation while fostering a sustainable and responsible AI-driven future.

UF AI BlueSky Visioning Taskforce: Top 10 AI Ideas & Strategic Justification

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Top 10 AI Ideas & Justification

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Why it's a top idea:

- One of the most frequently discussed ideas across workshops.
- Enhances student learning by providing individualized tutoring, real-time feedback, and adaptive coursework suggestions.
- Supports diverse learning styles and scales UF's educational resources.

2. AI-Driven Research Hub & Data Collaboration Platform

Why it's a top idea:

- Facilitates interdisciplinary research by connecting faculty and students with shared AI tools.
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- Leverages UF's existing AI infrastructure, including its supercomputer and NVIDIA partnerships.

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Conclusion & Strategic Path Forward

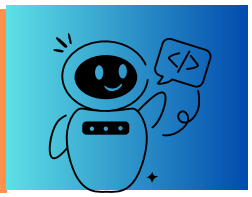
These ten AI initiatives represent the most impactful, feasible, and transformative ideas that emerged across the 11 workshops. By strategically implementing these concepts, UF can position itself as a national leader in AI-driven education, research, and campus innovation.

Next Steps:

1. **Prioritization & Funding:** Develop pilot programs and secure funding for early-stage implementation.
2. **Task Force Assignments:** Assign interdisciplinary teams to oversee the rollout of key initiatives.
3. **AI Training & Awareness:** Integrate AI literacy across UF to ensure responsible and effective AI adoption.
4. **Stakeholder Engagement:** Collaborate with faculty, students, and industry partners to refine and scale AI solutions.

With a strategic focus on these initiatives, UF can leverage AI to drive innovation, enhance learning, and improve institutional efficiency, ensuring long-term success in an AI-powered future.

WORKSHOP PARTICIPANTS



Faculty & students at Oak Hall High school, Gainesville, FL

Faculty & students at PK Yonge High School, Gainesville, FL

4-H Club Students & Leaders, FL

November 18 - Taskforce Members

December 10

Muhammad Bilal, Ross Ellwood, Tom Zhang, Heather Ellis, Ryan Yang, Vianca Gutierrez, Guodong Liu, Wilermine Previlon, Peter Disabb, Jessica Sencer, Marisa Arrington-Lehnick, TajMah Smith, Jennifer Shumway, Ian Lutticken, Nathan Hanson, Alioune Sow, Dustin Stephany, Murilo Matos, Nathan Gilman, Kiley Rydberg, Laura Cumper, Tyler Miniati, Tien Yu Chang, Sanjeev Kamath, Mackenzie Donovan

December 18

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December 20

William J. Cooper, Jenna Curtis, Cristina Benites, Asli Baysal, Trey Shelton, Barbara Evans, Flavia da Cruz Gallo, Andrew Grees, Hangbo Yang, Hayk Khachatryan, Tim Lozier, Diandra Ojo, Katy Chapman, Peggy Borum, Chris Sharp, Qingchun Liu, Andrea Ramirez Salgado, Shawna Amini, Julie Changhee Rhee, Erin Lin, Antheo Fernandes, Giridhar Kalamangalam, Matthew Westol, Candace Kanney

January 8

Nick Sexson, Devika Das, Heidi Boisvert, Amanda Janner, Shannon Kelly, Scott Nestler, Ryan Rushing, Andrea Pham, Robin Fowler, Min Fang, Terry Selfe, Matt Gitzendanner, Blain Harrison, Leighton Elliott, Jiannong Xin, Alyson Adams, Taewon Kim, Jason Mastrogiovanni, Colleen Kalynych, Pasha Agoes,Kevin Coulson, Margeaux Johnson, Sherrilene Classen, Sankeeth Yadav Gorlla Srinivas, Matthew Cohen, LaKendra Cook, Susan Smith, Emily Moran, Heidi Powell, Jenna Ayoub, Michelle Romero, Nelly Nelson, Ken Thompson, Jessica O'Leary, Marie Price, Megan Christopherson

January 24

Heather Maness, Nathan Glen, Frank Pink, Jeanna Mastrodicasa, Ying Zhang, Catherine Ciminillo, Jeff Greenspan

January 28

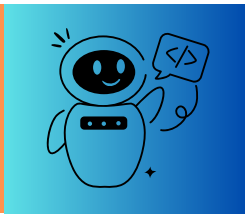
Crystal Marull, Zaina DeLaney, Melissa Malecki, Steeve Boulant, Michael Tomadakis, Anita Badhwar, Jason Degen, Maxine King, Timothy Chandran, Angelica Long-Diaz, Julie Rhee, Nicholas Gettino, Martin Noguera, Thomas Odey Magu, Vyom Purohit,

Frederick Kates, Veronica Valdez, Joe Gasper, Xiaotong Yu, Jesse Edwards, John O'Ferrell, Huaixi Sun, Jennifer Reeger, Angie Lindsey, Crystal Marull, Peggy Trudeau, Ella Tabares, Alejandro Drausal, Tina Herren, Sid Dobrin

Asynchronous Online

Garrett Beatty, Shelby Beck, Lee Carter, Catherine Coe, Hance Ellington, Andrea Galinski, Tara Gallagher, Amy Howe, Gail Keenan, Deborah Kinney, Lu Liu, Jaye Madden, Megan Mocko, Cynthia Nazario-Leary, Willingthon Pavan, Isabel Paz, Nadene Reynolds, Casey Rowe, Avery Teman, Joseph Thornton, Jasmine Ulmer, Kiran Upadhyay, Eric Wright, Jonathan Yorkowitz

WORKSHOPS: WORKSHOP #1



WORKSHOP #1: AI TASKFORCE GROUP.

NOVEMBER 18TH 2024

1. **Establish a new innovation Lab taking the "Medici effect" as an ethos (ie collaboration without pressure**
   - Fiscal support so focus on research and not fund generation
   - Share stories of success & cross dis[cant read whole word] engagement
   - Recognize accomplishments & celebrate
   - Include students, staff, faculty
   - Bringing people together for the right reasons
   - Engage with industry on musl.
   - Integrate art & science
   - Using networks to create teams
   - Work globally with other researchers/think tanks
   - Leverage experienced professionals to reduce pressure
   - Make sure collaboration is interdisciplinary
   - Define focus and scope of AI Lab
   - Make sure everyone has fun
2. **Establish a data repository (w/ infrastructure & people to support)**
   - Ensure security & shared access for cross disciplinary application
   - Expose any biases and work to lessen them in AI tools
   - Bring people together to learn about diff. data sets
   - All UF coming together to learn and appreciate data
   - Create a shopping mall for data
   - Clean & consistent data?
   - More classes for all students on what are data
   - Every student has supercomputer Instance (if they want it)
   - Educate students on where their data tracks
   - Emphasize ethical use of data
   - Update data often

- Make supercomputer instances open to anyone (free or low cost)
- Create ontologies for the fields that do not have them yet

3. **Every student has Practical Exp at/during their time to understand & apply AI for their career/world readiness**
   - Creating opportunities and connections in the classroom, across campus, and in the community/industry
   - Seed funding to start AI experiential learning opportunities
   - Bring together companies from all over that will contribute to their experience
   - Connect with existing experimental AI/unique learning opportunities to create UF AI Framework
   - Partnerships with industry
   - Digital twins to provide simulated internships
   - Partnerships with state colleges on AI in trades
   - Partnerships with cities
   - Work with career readiness center
   - Have capstone projects w/industry mentors as a part of the degree
   - Show students scenarios without AI & with AI
   - Make these experiences interdisciplinary
   - Give the capstone project at the beginning of the program to create better learning throughout
   - Form an "AI Service Center" for small & medium sized companies where student teams solve AI problems & implement for the company
4. **AI Driven Courses (without guardrails)**
   - With expeditated approval of software
   - Renovate all classrooms to support technology needed for this
   - Ensure learning – skill development & competencies are shared to team
   - Help faculty modify/adopt new practices to make learning "stick"
   - Flexible in course numberings
   - Provides an opportunity to make all classes accessible
   - Encourage courses outside of college counting for grad students and faculty
   - Bidirectional learning (brain + emotion)
   - Create AI Governance
   - Can AI avatars teach the course?
   - Supercomputer Access, 1 year after class concludes to play and keep learning
   - Implementing this access for personal research optimization
   - Make sure courses teach good AI ethics
   - Create a system where faculty & students learn together
   - Get quality data
5. **Open repository for data for the public**
   - No copyright, no trademarks/patents from the data
   - USCC licensing
   - Invest in sensor technology to collect data + people to run & maintain equipment
   - Ensure commitment for access & sharing cross disciplines
   - Ensure accessibility to all – second that.
   - Tackle problem of gatekeep/data ownership
   - Everyone coming together to wort together & collaborate for the good of data!
   - Protect data
   - More data skills
   - Encryption Tools free to use

- Create Data agents
- Have a class/program that teaches data cleaning/optimizing
- Make sure privacy is maintained and everyone knows good AI ethics

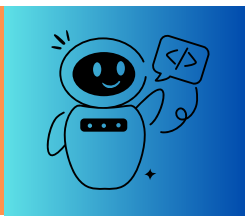
6. **Expand the AI Certificates program to encourage <u>every</u> student to take it**
   - Create awareness & demos
   - Open certificates to everyone (not just UF students)
   - Open contribution (collaborative) course development
   - Streamline approvals &* modifications of courses in certificates to stay relevant over time
   - Identifies core competency development
   - Create a pathway that helps "AI" courses of high quality + create advertorials that share
   - Funding & course release for faculty to add courses to certificates
   - Promote in a way that takes some of the "fear" out
   - Education on the go
   - Summer AI program
   - Offer certificates while collaborating with industry
   - Do these with consortium of colleges and universities
   - An internship with completion
   - Implement major/career specific courses toward cert.
7. **Hire a team of the brightest and most experienced professionals in AI/machine learning (NVIDIA, Google, etc)**
   - Have them work on big interdisciplinary research projects with preexisting faculty
   - Focus on significant social, environmental, economic & cultural issues
   - Finding funding for large team
   - Find institutional support 24/7 for grants, teaching and other procedures
   - Hire foundational AI faculty + significant support (data + software) staff
   - Share the story & outcomes…
   - Provide lifelong support in the areas of teaching & research to help folks as changes come
   - Professors of practice across 16 colleges
   - Incorporate accessibility within the teachings/practice
   - AI driven inventory on people + ideas + resources + matching
   - Topic modeling matching
   - Hire an entire LAB that is doing cool things
   - Open access data sets only. If not make it public after funding
   - Collaborate with many partners (faculty/students/staff) to develop a project that is open and for the better of UF community
   - Everything competitive & open to the public + industry
   - Differentiate between AI on hipergator and not on it.
8. **Unrestricted funding for a pilot project**
   - Work in conjunction with university faculty/students to implement elements of this project
   - Encourage usage of Hiper Gator to fill capacity
   - Pilot project should be chosen through transparent inquiry
   - Use full capacity once per month
   - Demand the presentation of the results and admit/adjust the methods/improve
   - Prioritize projects that can be built upon by multiple groups (digital twin that others can layer data & methods on)
   - Use pilot as a blue ribbon best practice model to scale & encourage innovation
   - Encourage sharing of results in relevant communities

9. **More instruction for students on**
   - Where data in GenAI go
   - How humans perceive reading Gen AI text
   - How humans perceive looking at AI gen images
   - Prompting generative AI in the most efficient manner
   - How to use AI ethically
   - State of the art AI
   - How to read and understand data
   - How to critically evaluate the responses/results
   - How to stay current w/AI while remembering & understanding history of field
   - Cross disciplinary work global integration of AI (problems today applies tomorrow)
   - Remaining replicative about their learning and professional practices
   - Beyond genAI :ML, NLP, etc.
   - How AI provides accessible education to those that might not otherwise be able to
   - Train humans as guardrails of AI à guardians of AI
10. **Personal Tutors in all basic subjects for students**
   - More AI Lecturers
   - More AI IT/Canvas Techs
   - Implement some source method of increasing/deciding difficulty
   - Tutor helps connect students to research opportunities based on skills + interests
   - Subjects could be customized to areas of interest
   - AI assistants personalized for every course
   - Advanced levels are available for building depth
   - AI tutor recognizes when human support needed & directs student accordingly (knows when it doesn't know)
   - Share UF stories of implementation successes, opportunities, etc
   - Make sure support pathways are clear + complementary and not repetitive
   - We build it in partnership w/industry & license as UF/____ partnership
   - Tutors will be able to praise personalized sessions with their accommodation needs in mind
   - Real-time adaptive learning
   - Human trainers need to be re-imagined
11. **Create a digital twin for everyone**
   - They should talk to each other & interact
   - Digital triplets, etc.
   - Create a digital health proxy for doctors
   - Digital assistant that optimize schedule for students
   - Help students understand concepts better from a learning method specific to them
   - How transparent? How much privacy?
   - Learn long-term characteristics and changes
   - First, define "Ots". Then make it relevant and functional for the problem at hand. Then create a "smart" OT.
   - Formalize s/w interfaces so improvement of one digital twin helps all digital twins
   - Educate people on impacts & opportunities for planning
   - Remember the human/AI intersection
   - And require AI Ethics course to use it
   - Teach about it to take away the "fear"
   - The digital truth will enhance the value of real world.

12. **Reimagine humans that cannot be replaced by AI (training, industry, etc)**
    - Create a digital twin for humans
    - They should interact
    - Imagine an AI driven economy
    - AI Driven Universal Basic Income
    - Easing the transition of human tasks to AI
    - Focus/emphasize the beauty in human art/creativity, something AI could never replace
    - Human vs. machine. Human AI?
    - Focus on human creativity
    - Create the society 5.0 and implement
    - Emphasis an empathy & caring society
13. **Create an internal Live Captioning system for students with disabilities(deaf/hard of hearing)**
    - Add this to all VR/AR glasses for students in all languages based on preference
    - Add an avatar who can sign
    - Create a system for AI twins to talk to each other
    - Expand for neurodiversity communication
    - Expand by adding a setting that offers teaching languages
    - Expand by enabling blind students to better understand what's going on (good descriptions
    - Sound/Audio to sign language AI
    - Add other sense: touch and smell
    - DRC to lead this effort
    - Add other sensory simulations
    - Create a personalized note taking (to best capture information for student in how they best understand)
    - Use as a model for addressing other advancements for students with various disabilities
    - Expand the system to take into consideration the needs of international students
    - Widespread professional development
    - This can provide a experience for those with disabilities
14. **Comprehensive clearing house online of AI teaching & research tools**
    - One stop shop for tools valuable to all at UF!
    - Make them available on phone too for students and faculty
    - Digitize all content for AI systems
    - Can other units contribute?
    - Do this across all Florida universities
    - Standardize to work with GovTech (government tech)
    - Implement into some sort of application so they all easily accessible
    - Encourage students to learn about every tool
    - Network of tools, match tools to problems
    - Establish systems to continuously update
    - Share story of tool & encourage cross functional use to eliminate redundancies, costs, etc.
    - Publish case studies real time to show how it is implemented successfully
    - Standardize (or establish best practice) of s/w interfaces & data format
    - Create a clear avenue for tools and support
15. **Create a culture and resources (that are constantly updated) to support teaching & learning of AI for all (faculty, staff, students)**
    - Identify existing unites on campus to participate

- Bring together the group that is “fearful” of AI
- Create a universal framework that can continuously adapt to any domain and any new advance in AI and is supervised by AI
- Create an AI center
- AI Ambassador?
- Hire Anthropologists to guide this effort
- Make AI work have a designation for promotion/tenure
- Encourage integration of AI concepts in all aspects of the curriculum
- Make AI news and progress visible
- Build a clear “AI Brand”
- Also create an anti-AI to evaluate the accuracy of everything
- Use AI to reduce administrative overhead significantly
- Identify and promote the work of AI champions for integration and acceptance

WORKSHOPS: WORKSHOP #2



4-H Youth Voice - Dec 9

Attendance: ~25 students

IDEA: Consumer-based AI that has the capability of tracking the government.

EXPANSIONS:

- Track government spending and return on investment regarding citizens tax dollars
- Metric tracking of passed legislation and how if it has worked or make things worse 5 to 10 years into the future
- As well as assisting in seeing if government officials are telling the truth.
- Track exactly how are government officials in federal and state governments are getting rich despite being civil servants to the American People.
- Track proposed bills and give a summary of the good and bad of the thousands of pages of legal jargon, hidden poison pills.
- Track representative voting records in real time.
- ai that could give you simple suggestions for non-debatable technical arguments, or facts about that bill would be great. (IN actual government too)

IDEA: An app for phones that dont have internet or that can't scan QR codes, to be able to download ONLY the page of the QR code

EXPANSIONS: NONE

IDEA: Potentially attaching AI to some form of camera (like a smartphone) to provide you with simple information about someone like; Their names, what language they speak, etc. However still not providing an uncomfortable amount of information.

EXPANSIONS:

- Even with limited power, that's really creepy. I would immediately uninstall that. Maybe paired with a software to make sure sometimes it doesn't work so people aren't creeps looking at everything you've ever done.

IDEA: I believe it would be very beneficial to have some sort of AI path planning that helps you plan the best way to achieve your goals based on our current living situation, location, personal finances, etc

EXPANSIONS:

- It could also show you how to work with others to achieve a common goal.
- This tool could also inform you about local jobs and what skills they are looking for in the interview.
- I would love for AI to help me pick a career based on my lifestyle and what my preferences are.
- And helping me pick the best lifestyle/workout routine based on my genetics.
- what if your genetics were very confusing then how would it tell what your best lifestyle
- We're supposed to be thinking big so the complexity of the human body isn't a concern.

IDEA: Ai could help students form ideas for essays and spelling instead of give them an essay done.

EXPANSIONS:

- or it could give us essays done and we could change the wording so that it doesn't sound like a computer did it. But ai does that now and people just use it word from word and they do not understand it and if that happens in the medical field then that is a problem.
- i think it would be nice if you could type in your essay ideas and the ai would suggest reliable sources where you could do research, so that way you are still doing work and not cheating

IDEA: I think AI could be useful to help people get more active by helping them set fitness goals and planning workouts and activities to help them reach their goals.

EXPANSIONS:

- There are many apps that provide a similar function, however using AI to potentially provide some sort of incentive for being active such as; AI unlocking a certain cabinet with your favorite snack, or AI being able to analyze your body structure to show you how you will look in the future once you reach your goals, Etc.
- Maybe instead of showing a complete result, the AI could show monthly progress.

IDEA: ai could help in multiple sports like on VR they could livestream it. Or the can help in like soccer or volleyball to decide if the ball was out or not and to keep score.

EXPANSIONS:

- or it could tell us the best spot to hit the ball and where to aim the ball.

IDEA: AI could be used to create a system which could organize schedules and offer suggestions for related activities in your area based off of your interests.

IDEA: I believe that if AI could help us drive unmanned planes. And they give advice to help the pilot drive.

IDEA: Easy-Access Fact- Checked AI for diagnosing diseases like EDS that doctors frequently ignore or call "made up"

EXPANSIONS:

- I would say to increase AI in healthcare to enhance the types of medical procedures and examinations that could happen to help people. I feel like this could really open up the possibilities in our healthcare system while also generating more jobs and money. Also, to further the ability for AI in research labs and facilities to figure out ways to combat medical issues. Additionally, I think that the current ways of AI are a bit too unrestricted, so there should be one like big form of AI that could be properly monitored and unabused. As students, I believe we are utilizing AI a little bit too much.

IDEA: A problem I would always have would be sometimes when I get injured, it is very hard to know exactly what's happening, even for some specialists and makes it harder to prescribe the right treatment. So maybe AI could help somehow by having something to be able to identify the injury or sickness you have to save time and money and get right to the point.

EXPANSIONS:

- this would be great. but even better would be if you could have an AI robot and have it take care of you and still

IDEA: I would like AI to help organize my project of building a backyard garden. It would be able to make a timetable, organize my materials, and help me maximize my efficiency.

EXPANSIONS:

- This tool could also construct blueprints for structures such as; Buildings, Fences, Sea walls, Harbors, Railroads, Etc.
- It could also help show you how to expand your garden potentially turning it into a farm.
- then it could also help me track my assets and organize the farm maybe have a 3D model that could track the animals

IDEA: AI capable of aiding in Fantasy worldbuilding whether for a novel series or for DnD.

IDEA: Modular AI robot that can do more things when more modules are added.

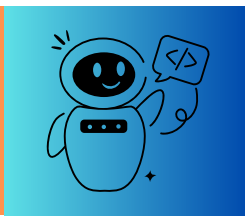
IDEA: AI tool to help in Minecraft (or other games) mod making to make the process easier.

IDEA: AI to be a part of the task force to say how it thinks it should be a part of UF's future.

IDEA: AI can help create personalized educational experiences by adapting to each student's learning pace, strengths, and weaknesses, providing tailored resources and support.

IDEA: AI could be used to create a system which could organize schedules and offer suggestions for related activities in your area based off of your interests.

WORKSHOPS: WORKSHOP #3



UF Workshop – December 10, 2024

Signed up: 25, Attended: 10

IDEA: One stop resource based on all the AI knowledge at UF

EXPANSIONS:

- Information is shared in story form and resource is shared with others automatically.
- Will help create a consistent culture throughout campus.
- This model could be trained with a more broad/diverse group so that the resource knows about more things.
- With a quick 30 second introduction video for each resource.
- The one stop resource will also provide the best advisors to go to with times and locations pertaining to your interests and needs.
- Could also include advice from different perspectives. "Here's how a faculty member would do this, here's how an advisor would handle this", etc.
- Incorporate all the knowledge in the UF libraries.
- Will need to consider how to prevent feed of misinformation as this AI will become a "face" of UF. Can carry changes from one input across several sites.

IDEA: A personal tutor that helps with soft skills

EXPANSIONS:

- The tutor can get to know you (personality, interests/etc.) and provide guided soft skills advice.

- Also, with a good scheduler that fits your lifestyle.
- The tutor will show how to connect to career opportunities, how to do interviews, and how to format emails.
- And connect you to helpful services like a clothes closet for dressing professionally and services to help build your resume and interview practice.
- Has an audio/video avatar so that you can chat with it like a human.
- Consider that different cultures expect/appreciate different behaviors. What is rude in the US may be polite and expected elsewhere. Need to build in filter for cultural context.
- Extends to mentorship.
- Creates a daily journal of activities.
- Daily advice/tips for professional interactions.

IDEA: AI to track people's commute to work and build more efficient roads/bike paths/walkways so it's not as crowded at 5pm etc.

EXPANSIONS:

- With device let normal car become AI controlled car near campus.
- Will include available parking lots with prices so people don't have to drive around in search of an available spot.
- Include ride-sharing opportunities. People waiting in specific spots to carpool in/out with.
- Take weather predictions into consideration.
- Ensure the model doesn't route through neighborhoods and considers school drop off and pick up times to avoid these areas.
- People come to campus 24/7 instead of a rigid 9-5.
- AI controls cars for optimum transport.
- Share AI with bike to take safest path.

IDEA: Digital self (as a certain major) to discover new ideas/different opportunities

EXPANSIONS:

- It will include critical tracking for the different majors so students can see what they need to do as well as related internships/research.
- And link to career options/salary expectations/networking. contacts/internships/career fairs/job opportunities/community.
- Allowed to interact with other digital people and predict what will happen when they work together.
- Create an avatar space to represent the digital individuals used to interact. Enable the AI self to gain knowledge from interactions in digital space and prepare a summary of the new content for the real student to review.
- By graduation digital avatar can be marketed/branded to solve specific problems. Avatar will be intellectual property owned by the student and UF.
- With career pathways in mind that match personal motivators.
- Highlights aspects of student's personality that aligns with or clashes with said career.
- Can personalize digital self with styles/hobbies/interests.
- Share with apps like LinkedIn.

IDEA: Service where students can comfortably and securely voice problems, they are having at UF and it provides them with options of services provided that can help them. E.g. Finding research opportunities

EXPANSIONS:

- Each webpage should have a top searched topics feature such as how to order a transcript on the UF Registrar page or best success tips for appealing a parking ticket or coming back in from a medical withdrawal.
- Generate reports and route them to relevant personnel.
- Identify experts to prepare responses to anticipated/common prompts and build the AI be responsive to know queries based on real time feedback from experts for unanticipated questions/problems.
- Help students think critically instead of thinking for compliance.
- Easily makes appointments and integrates appointments into personal calendars
- Constantly updating websites takes a lot of time, this is useful.
- New "student 101" type website with resources.
- Could be more broad/expanded to cover homework/relationship/random problems
- Combine with social media apps.

IDEA: Top-down advice in your program input by students who have already achieved success in your program. A passing down of tips and knowledge so that the next generation can already know and get that part and build on it. Continual improvement and forward knowledge movement instead of reinventing the same wheel over and over.

EXPANSIONS:

- It can generate templates based on personality type/knowledge.
- It can give feedback to new input based on the past.
- Be queried with sland and professional language. Also, with acronyms and common shorthand for that program/profession. Can be tied to specific courses, instructors, years in program, etc.
- Share examples of success applied in different ways.
- Specific to classes, students who did well can give advice on how they did that.
- Best practices in teaching and learned feedback loop for improvement.
- Flow charts based on the personality type.
- Great way for alumni to feel connection to the university even after graduating.
- It could ask for personal feedback to guide the next person's advice.
- Better scheduling of all courses.

IDEA: AI tutor that instantly answers course-related questions, grades assignments, and gives accurate feedback. This includes written and audio/video input. For example, it can watch/listen to a presentation and give feedback on verbal/non-verbal communication as well as the context. It can talk to students as a virtual avatar that has voice, facial expressions, body language, etc.

EXPANSIONS:

- Recommend building in guard rails to ensure AI doesn't do the work for them but helps them improve upon the work they've already done.
- Encourage students to be problem solvers and awarded based on the amount of effort and creativity in sourcing assignments.
- Have students review another video/presentation baed on what they learned
- Learns from individual student progress.
- Would be cool if they can highlight personal mistakes the student often makes.
- Big emphasis on the person learning/AI tutor teaching.
- Can insert articles/lectures and be provided a summary.
- Quick intro video about course before enroll.
- Would be great for practice/exam prep so you know if you are ready to attempt the final or student more or differently.

IDEA: Facial recognition that can track changes in expression and/or structure and alert counselors to concern for mental health concerns (e.g. depression, anxiety, mania, disordered eating)

EXPANSIONS:

- This includes not getting enough sleep, poor habits, eating/exercise etc.
- A report can be shared with both counselor and patient.
- Can share with doctors to create health plan.
- With security and privacy concerns met.
- Real changes to campus based on data.
- Counselors can make less obvious suggestions so that the student does not immediately withdraw after knowing they've been flagged for concern.
- Would the camera always be watching? Or do you choose when to turn the camera on?
- With these alerts will come available contact information to professionals to make them easily accessible.
- Use indirect ways to monitor (e.g. Wifi, radar) to avoid privary issue.
- And monitor for understanding/comprehension in classrooms.
- Connected to personal device that monitor heart rate, etc.

IDEA: Develop of resource management center for curious minds to discover what is available in this world. This resource management center is linked to other centers across the world. Helping folks understand where scarcity occurs globally.

EXPANSIONS:

- Travel program to facilitate.
- Resource sharing.
- Study abroad programs can then be tailored to support these connections.
- The resource can provide ideas to get one's mind to start thinking, so they can choose the direction to go.
- With good graph or video for understanding.
- Will ask for a category pertaining to what resource are the audience wants to narrow down the amount of information.

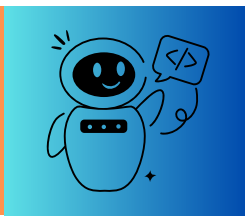
- And include commonalities like this is how they prepare students for careers in this country, this is how discipline is handled here, this is how we motivate and support students here.
- Connected to the supply chain and can help transport resources.
- Consider spatial and behavioral norms within different cultures and help plan accordingly.

IDEA: UF train (campus) with personalized mapping

EXPANSIONS:

- Efficient with speed, privacy, and comfort to convince transportation change from individual to collective.
- Use data from student schedules and faculty/staff calendars to see what routes would be most efficient.
- It can leave immediately when you're ready and is always on time.
- Small achievements/credit to encourage learning.
- Will notify and contain data from previous trips so people can have a consistent schedule. If a train is closed it will notify you.
- Needs to connect to major cities. Could include UF-related programming for an educational or entertaining ride like past great lectures, guests, speeches, sporting events, performances, etc.
- Connected to the bus database and network so that passengers can transfer seamlessly.
- Instead of a train, it could look like a moving walkway with individual tiles and if you tile moves across campus safely and with consideration for current/expected travel patterns to make the "walk" efficient.
- Train goes throughout city network.

WORKSHOPS: WORKSHOP #4



UF Workshop – Dec 18

Attendees: 2 students, 4 faculty, 8 staff

IDEA: Practice exam data fed into model that offers instructors tailored workshop/lesson plan to support unique group of students

EXPANSIONS:

- Compilation of every syllabus a student is assigned to generate a CV for graduate
- This looks do-able now – let's go! A framework can happen. Great idea.
- Data feed update to make questions as real/time accurate
- Yes an overall language model based on student personalized experience at UF should help both ideas.

- Good idea/feasable, nothing to add
- Provide strategies based on the instructor's strengths and weaknesses
- Include appropriate teaching methods/approaches the instructor should use to present the information
- Help student understand with this "CV & background" all the opportunities available (job offer match ideas)
- A compellation of student strengths documented by performance on assessments. A company asks: we need a new employee that can do X… and UF is able to supply name and contact info for people with that exact skill…as verified by UF assessment
- Private sector inputs and case studies
- With CV from learning skills in courses, integrate work/volunteer experience to make CV stronger
- AI to help instructors interpret results and give feedback on lesson plans/practice exams
- Not legible
- Could enhance instructors' tools for various content delivery

IDEA: Open source "scholar wiki" AI enhanced platform and community for knowledge-sharing

EXPANSIONS:

- Historically, knowledge/ideas are limited due to coordination costs related to exchanging ideas
- Expert analysis tool integration as "how-to" feature
- Open source is a way to promote faster discoveries and collaboration
- Philanthropy is your best friend, don't rely on government funding
- Provide expert level models as well. Free for life!
- Provide tools to enhance the open source into personal computers
- Include an efficient system to search and filter the knowledge. Make open to the public (citizen science)
- Accessible to all UF community
- Should be able to ask this system anything and get a truthful/accurate answer
- Different languages
- Finding ways to allow shared ideas to be acknowledged/compensated without copyright infringement
- Agent to validate the open source published data base on the *** verified data
- Create one for each department on campus so historical data is not lost when employees leave
- Include applicability of ideas generated on global scale

IDEA: AI accuracy and trust board position to ensure system trust for all UF

EXPANSIONS:

- These meetings should be public and provide transparency to people at UF
- That and constant update of the model to avoid *******
- Positions should be available based on time limits to ensure "fresh eyes"
- Need to be presented in a format that is understandable to the general public. Include "layperson" who does not have AI background
- Email/meeting updates for progress – explaining challenges and wins

- A repository of the "ultimate source of truth" to combat spoofing and spread of false information. Encyclopedia galactica for accuracy and trust
- Should consider cultural variations
- Allow for data that may be incorrect and/or show the entire process for data collection
- Another AI that flags the incorrect input which may *** on the AI agent development
- AI to review current BOT policies and procedures that may be outdated
- Could incorporate historical references and outcomes
- Create a protocol for AI-enhanced "politifact" approach – Google notebook
- Mandatory percent accuracy for all info generated

IDEA: Language model that gets the whole curriculum and coursework of a student and is trained based off student curriculum and learning ability, for this student to use in their future career or life.

EXPANSIONS:

- Give me that, great idea
- Provide lifetime updates as part of being in the UF community
- Provide suggestions for future professional development and also analyze performance results to suggest ways to improve
- Encourage additional degree steps based on progress – Masters, PhD, etc.
- This digiital twin of you can sit in job interviews and meetings to perform as you. It grows and learns from your daily experience
- Connects user to mentors based on collected data
- Continuous evaluation of current skills vs. future needs in selected career path
- The AI will also evaluate a time best suitable for the user's ability to complete the degree/program hence improving their learning capacity
- Connects students to mentors and people in field that have shared experiences to solve common problems
- Could guide students to their passion
- This could align with blockchain – credentials are earned and remain anonymously on chains, then curated/verified as needed
- Expand to be able to create a method to sell life of created data to fund undertaking
- Generate "day in the life" of completed student to potential students with full audio/visual experience

IDEA: Mandatory campus-wide real high-level training of faculty and administrator on AI/agent/basic tech apply to AI (not computer science)

EXPANSIONS:

- Required to train before being part of UF
- Include ethics in the mandatory training. Don't forget staff.
- Also include OPS/stat – find positive/rewarding training ideas
- Admission requirement to UF is to train a digital twin of yourself that can pass as you – pass the T*** Test
- Options for students that are socioeconomically challenged and may benefits from in-person or assisted training (options)

- Create a standard level of training for everyone in their preferred learning style
- Gradually introduce positive feedback to the AI agent by the faculties to further improve the agents and become as close to faculties
- Create SOP's for use and guidance
- Developing ethics/ethos community/discussions/training as "skills" will be outsources to AI
- AI function to determine an individual reward that would create a better rate of participation
- Yes, this training should be built with very well annotated data
- Include glasses that are assistive in recognizing AI generated/assistive content

IDEA: Tool/apparrel that integrates into each UF individual that enhances their though process/analysis in their respective area(s)

EXPANSIONS:

- Allow for flexibility in choosing different modes – ex. blue sky mode, creative mode, professional mode, interdisciplinary mode
- Could this assist academic programming – AI offering ideas for students
- Tool changes its shape depending on need – extra hand to hold tools for building, extra camera to take video of a lecture. The tool "knows" what its user needs and becomes that thing
- The tool identifies thought collaborators in person or in passing
- Using the tool as a group to create a "superpower"
- This tool records the user's interactions with others and recommends improvements
- Could help make connections with similar thought processes
- Read for some "glasses" integrated in UF studies
- Have AI assist with larger group needs by input from users who all lack on item/resource
- This tool should have all the info a student has paid for in college
- Yes, we need to ****** as co–intelligent system. In the future we can have AI brain implants
- Gives an alert or notification to get things at free or reduced cost based on the area

IDEA: Translation services that can be used for online extension programs, including captioning (include live conversations, content, video creation, etc.)

EXPANSIONS:

- Also needed at conferences, events, UF Performance Arts
- In virtual exchange interactions, students speak in native language and the words are instantly translated into audio in the counterpart's language
- AI that would read non–verbal cues, gestures to add to transcripts
- Help to read local colloquialisms that may not translate correctly to the listener's native language
- A video generation AI which will show a person dictating the speech in user's native language and the movement of lips and facial expressions will be as close to as user's localized language
- Provides transcripts for audience members who are not here in person and don't have time to watch
- Could incorporate real world experiences from specific region
- This looks feasible soon!
- AI to expand to create a content guide to go along with translation
- Should be able to train anybody in any language and any level of knowledge
- Doable, great idea!
- Provide current culture, historical context with learning to enhance immersion

- Adjusted experience based on capacity of peripheral – "cell phone view", "large canvas view", audio-only, sign language generated

IDEA: Robotic tutoring/teacher. This would assist students in learning–seeing if subjects/jobs might interest you. (many students hesitate to take "X" class because it might not apply to major/too hard etc. – they could try more things)

EXPANSIONS:

- Robot tutors support "micro classes" that are a few days long to give students a feel for uncomfortable/unfamiliar subjects. These courses count as general education requirements toward graduation.
- AI provides a probability of satisfaction and economic contribution factor
- Help determine learning needs for subject of interest or career of interest.
- Our AI evaluates their previous education and professional experience and tries to personalize the course based on these previous data. It would use analogies and examples related to previous data which will make the student understand the course better.
- Helps to give real live data and scenarios for a more prepared and well-rounded student/employee
- Could tailor content based on personalized preferences/needs
- Custom GPTs can be created and refined, customized
- User input to ensure a personal feel to tutor
- Could lower costs of education
- Tutor connected with accessibility needs, ie. enforced break times, pictorial education vs. verbal, time of day or night
- Make it so students can "adjust" personalities for their bots to make it spicy!
- Provide prediction tool of potential fit subject
- If students like the subject, but may not be ready to commit, provide deeper learning and suggested experiences. Make accessible to K-12 so they can come better prepared to select a major.

IDEA: Candidates for hire do not submit applications. "Search committees" are disbanded, and anyone with expertise is hired to work at every university worldwide...simultaneously.

EXPANSIONS:

- Compensation is calculated by socioeconomic status and need
- The need to actually recruit is alleviated by the perfect job coming to you via email or text message.
- To resolve the more demand than supply problem, we can design our AI to process the person's data and their willingness and curiosity and likeliness of investment in the job.
- Uniformity and standardization across facilities
- Would align passion for workforce and heighten collaboration
- The process is truly transparent
- Use AI to schedule a faculty member schedule between other institutions to ensure online time
- This could lead to better translation of knowledge worldwide
- Students are offered a pathway generated based on full profile and a mentor with that career or interest is assigned to them
- This would promote inclusion/diversity

- Select personalities that would fit the job based on other AI models that analyze the job environment
- Suggest ways for career progression

IDEA: UF AI using public and proprietary behavioral data to engage and increase affinity amongst alumni

EXPANSIONS:

- And create even more networking/pathways to careers for current students
- We can use the alumni's data to suggest every one of them "some promising profiles" which will be closest to their goals and career trajectory
- Find a need/desire for engagement
- Enhance the gator nation experience by networking
- Could include "human" elements via AI that traditional algorithms can't capture
- Use AI to generate online avatars that can be expanded based on larger donations
- Transparency is key and people a part of data wanting transparency
- AI to offer "heat map" of Gators around the country/world to discern where graduates thrive and offer those data points to state legislature for funding or decision making
- Yes, grouping people by interest would be great!
- Provide a virtual environment for meetings
- Highlight with Gators are in higher office, politics, leaders in their field in order to "target" them with Gator Nation message
- At Academic/Medical conference – know ahead who is "Gator Nation" before attending – class of…networking
- I noticed that students at graduation sit together in their capstone project groups. Use AI face recognition to identify friend groups. Build lifelong LinkedIn affinity groups around those friend groups. Give updates to these groups on what happened to their projects. Did they contribute to research? Were they used to start a company? Keep alumni engaged forever in their project groups.

IDEA: Predict natural disasters before they start. Helping to know where they may occur and how people can prepare for the situation (ie. Physical, personal/family, home, other property)

EXPANSIONS:

- Weather forecasting is very advanced now and we can use it to be better prepared. We can have categorized preparation and execution plans distributed to the people. It would be better if we have AI at edge which will not require internet access.
- Predict which buildings and areas are most at risk and how to improve buildings for safety.
- Shelters and traffic systems could be ready and coordinated
- AI could assist with self-organizing/resources in clean up (hurricanes showed the stresses)
- AI multiplatform notification integration to ensure max coverage once disaster factors reached
- Maybe manipulating weather outcomes with AI can be valuable as well
- AI to source Federal/state/private funding for supporting disaster, or generate message to FEMA for disaster relief ahead of time
- AI could coordinate local target based on a satellite-based system
- Provide exit strategies that are coordinated with Fed to assist with emergency evacuation.

- Provide specific disaster preparedness information tailored to the specific disaster/situation; make personalized to the individual
- Could track how many buildings like Baughman flood – what is predicted cost in future for more damage vs. cost of fixing problem now.
- If AI predicts a natural disaster will close UF, all classes are immediately moved online. AI uses textbook and notes supplied by faculty to generate a lecture using the faculty avatar which students can watch asynchronously when they are safe and reconnected to keep up with missed classes.
- AI would use transactional data to see if you have purchased enough items to weather the storm would be based on purchase patterns and intensity of the storm.

IDEA: Preventing waste and optimizing event management. Instead of having bands for people at events, we can have face recognition devices to check in people. A reprogrammable RFID device can be used to update the event details and every person will be allotted one RFID device. Having reusable check-in device and automated check-ins can be a next step for frequently happening thing at UF

EXPANSIONS:

- Have AI interpret previous event data to see where biggest opportunities can be explored
- Using facial recognition can be used for marketing of other similar events
- For learning-based events, say talks/lectures, AI could help create a decentralized "learner record"
- AI to evaluate disposal efficiency practices
- AI to market to historic groups that are interested in event or to underrepresented groups
- Have AI tools that could connect to one's bank account and activity spending to connect interests
- Have the device track "traffic patterns" and suggest other entrances to keep lines short and avoid bottlenecks
- Wristbands and paper tickets can be easily moved to phones – why not facial? Great idea! Hard to steal tickets, etc.
- AI knows who shows up to class. Optimize lecture hall space based on real use patterns rather than enrollment. Use larger lecture halls for classes where students show up. Smaller rooms for large enrollment classes that are poorly attended.
- Survey patrons based on conversations, facial expressions to predict various factors like the likelihood to recommend or return
- Provide unique event experiences for the guests or group of guests through their previous event tickets – market to their interests.

IDEA: AI to auto-reconcile invoices and accounts. This technology would ideally be able to catch finance anomalies. Respond to vendor invoice requests.

EXPANSIONS:

- Saves staff time to focus on more important tasks. Could leverage budgetary and commodity purchases could feed into carbon footprint.
- AI could also connect with public/private grants for specific purchases or investments that are a larger portion of the budget.
- AI could reduce onboarding and payment to small vendors and freelancers.
- AI bidding system to compete for better deals in real time

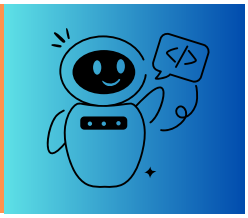
- This could allow for people to be more transparent about government spending due to limiting mistakes.
- Yes, let's develop system like that everywhere where there is manual labor that can be replaced by AI
- Provide personalized strategies to implement based on patterns
- Should be able to work with various payment systems and be able to self-monitor for errors (take into account human interference)
- Anything would be better than Concur – auto suggestions would be helpful
- AI is able to locate receipts and invoices that are not sent or impossible to find and send to the financial administrator without need for faculty/staff to do any work. Also, AI is able to write purchase justifications for all things bought just based on what it was and what account it was charged to.
- More equitable contracts based on vendor data and impact. Ie. Small business ratio of 40%
- Allow for real time spending plans – especially for larger grants and also include projected payroll. Anticipate needs for financial planning.
- AI to automate invoices according to the learned data based on payment dates of the user.

IDEA: Living Laboratory: UF is a small city with large infrastructure with massive data that students, staff, and faculty can leverage for improvements, education, and research.

EXPANSIONS:

- Offer internal model for "peer review" that connects idea/research to other institutions or private sector for collaboration
- Include a UF watermark on data (metadata)
- Awesome. A physical holding environment for this, like a "place" where we can meet too
- Encourage private investment in sector-based revitalization to bring in money to show AI directed advantage
- Lab ran by AI could solve this issue maybe with supervision of students coming from AI
- Expand that to the community. Let people train high level and then help doing research, for example.
- Ensure that ideas generated from here connect to the "higher ups"
- Create a system that tracks and suggests networking opportunities to capture those "organic" collaborations.
- Encourage non-UF community members to contribute too – not all of Alachua County works at UF
- This system identifies funding opportunities and faculty with expertise in these areas. These individuals are alerted about the opportunity to collaborate using the data generated by the "living lab" and are supported in writing a proposal for funding.
- A mobile variation – lab bus
- Run this same idea for a mid or large city with universities and more diversity in their residents
- The agents will keep events and occurrences in note and notifies people about it who are interested and more likely to contribute to that event.
- AI to help target which students/staff would most benefit from this live data.

WORKSHOPS: WORKSHOP #5



UF Workshop – Dec 20

Attendees: 7 staff, 13 faculty

IDEA: Summarizing pertinent information in medicine and highlighting contributors for quick decision making in high-stress environments

EXPANSIONS:

- FDA views urgent/time pressured decisions as inherently more risky, so this could help develop a science of making time-pressured decisions be safer: How to do that? Multiple models/systems run and provide swath of responses to reduce sample of errors
- System design analysis and diagnostic and remediation for clinical decision making
- Have a system/app that you can put simple but relevant info and the system can make decision and show outcomes
- AI medical assistant
- And real time analysis and diagnostics
- AI for healthcare providers to mitigate stress so they can make informed decisions/AI-enhanced
- Fully evaluate the impacts of each possible decision
- Include patient preferences/culture/family dynamics/etc.
- Expand beyond just medicine
- Involve PAs in system
- Prevention vs. Intervention
- Use it to protect employees for potential litigation
- Revisit the decision made on a regular basis
- Internationalizing
- AI offering therapy session to alleviate stress levels

IDEA: Building sustainable computer structure

EXPANSIONS:

- Reducing electricity consumption/environmental impact of AI computing
- A "calorie count" like thing that shows cost of running AI task in carbon
- Build valuable carbon footprint to surpass energy use
- Creating the tools to use less electricity
- TinyML
- Understand sync energy needs
- Promote project that favor solar energy, deployment efficiency, environmentally friendly approaches
- Transfer from si-based to bio-based (human brain is *** efficiency that current AI machine

- Research program to develop “sustainable AI” for the Earth
- Look at quantum computing
- “socialist” AI that uses computing power from every device connected to campus network to efficiently distribute load
- Clearly define “sustainable”
- Microchip AI
- Equal accessibility to AI building platforms
- This would be wonderful. No need to replace computers often?
- AI suggesting CPU hardware keeping cost efficiency in mind

IDEA: "Artificial Conscience” Using AI to bolster regulation of AI (for when AI is smarter than human supervisors) ie. Harnessing AI to help oversee AI when people can’t

EXPANSIONS:

- Asimov’s laws evolve into high order principles
- System diagnostic
- Define “conscience”
- Regulation and privacy and security and trustworthiness
- Under supervisors/monitors
- AI decision support for personnel management/counseling/personal crises/etc.
- Create do loops for AI
- Must give logic/considerations in decision making so humans can override decisions and set system to prioritize some ethical concepts over others, human discussions should finalize the output by AI
- Use AI agents with different perspectives to review a proposal
- Design the algorithm to be in a loop to not extend infinitely
- Discussion on common goods (we need to agree what is acceptable first)
- AI that surveils your information for you
- AI subdivisions keeping a check on each other to avoid protocol violations
-

IDEA: Empower students to find own long-term planning of future direction while at UF

EXPANSIONS:

- Would love to simulate potential future careers to get a taste
- Have the simulation be game-like to keep interest
- Create models predicting future career choices
- Freshmen year: year of career discovery
- Analysis demands
- Not only at UF but in their envision of their goals and careers
- High-speed I/O to learn new knowledge faster
- Similar to AI career counseling: but an AI note-taker that summarized experiences/victories/defeats/etc. To counsel students. Re: career and future.
- Include experiential learning opportunities
- Expand opportunities for students to explore different job opportunities

- Experiential learning from the first year
- Internship/co-op required for graduation
- Must include values and other similar considerations in system
- Include tailored idea/new creative job for the student if existing ones are not suitable
- Support students to dream so they can achieve
- Follow students after graduation too
- Pair students with similar goals and interests in a project that can help them use AI in their future careers
- Complement with "breadth suggestions" to be more well-rounded
- Let students simulate moral dilemmas they might encounter in various careers

IDEA: Easy to use system for all faculty, staff, and students to create their own trained, tailored, multi-model AI agents (chatbots) that can be used to do roleplaying, debates, practicing, tutoring, etc that others can access/be assigned

EXPANSIONS:

- Hire the right staff to create algorithm and design
- Create taskforces within each department
- Ask students to share expectations
- The chatbots should be trained to provide scaffolded ways to gain knowledge and skills rather than providing answers
- Get more professional data to train AI model
- AI-computer issued to each student to complement their college experience
- Creates a streamlined onboarding process
- Increase training opportunities
- Every UF staff/student has a Gator Assistant
- Need basic modules/datasets for core service units on campus that are included in all agents
- Adding specific assistant
- Facilitate constant discussion of ways to improve
- And analyze the data and provide resources
- AI that is capable of generating other AIs for you
- Let people's AIs learn "best approaches" from each other

IDEA: Standardize EPIC/med recs for data collection to use in all medical research. Develop the infrastructure/platform for medical information.

EXPANSIONS:

- AI training new employees to familiarize themselves with EPIC/EMR records
- AI automation tool for performing standardization
- AI contribution for experiences and cultures
- Ways to protect patient privacy and bias
- Digital twin
- Develop AI clinician: look at patient, abstract intangible, create summary as a companion to conventional clinical notes
- Then refer to necessary medical profession?
- AI medical scribe?

- Integrate genomics into equation
- Leverage UF health system for the data collection
- Open up GatorTron
- Internationalize
- Not only standardize but interconnect to world peer reviewed journals
- Predict potential medical issues for individual care before the person gets sick
- AI that determines your learning capacity and makes training personalized and more efficient for you
- Engage the patient population in setting privacy and data use policies using AI to help them forge consensus
- Maybe AI can help make unstandardized date more standardized

IDEA: Career counselor

EXPANSIONS:

- Guiding students to the right jobs
- AI-assisted tool
- Compare opportunities
- AI guidance to get prepared to right opportunities
- Professionalize students 1000x faster than now
- Absolutely. Connect AI to other disciplines and steer students to careers
- Include detailed goals, requirements, or steps needed for careers provided
- Reaching down to K-12
- Job simulation to support the career exploratory efforts
- Thorough into collection to provide learning paths to the desired career choice
- Include aspects around career satisfaction, life purpose, work/life balance goals
- Measure "joy" in those simulations
- From the skills required to the pressure or nature of the job
- Someone always there to discuss the good, the bad, the ugly
- For current staff too, career advancement plan
- Help students understand their contributions to that field and how their strengths add to it
- Be sure not to place human advisors with AI tools. People need people as encouragers.
- Provides matches to personality and interests
- Simulations of career experiences to help determine if career is right for student before they fully commit

IDEA: AI campus dedicated only for conducting interdisciplinary/cross-functional research and product development. 100+ acres, AI gym/rec center, outside greenery, high quality cafeteria, hospital/health clinic for staff use, daycare for staff's children, lab spaces

EXPANSIONS:

- Teaching?
- Resources for inviting industry experts
- Combined with other LLM like ChatGPT, Gemini, etc
- VR option for remote participation

- Expanding individual expertise to contribute to interdisciplinarity
- Build vertical application expertise with the identified industrial partners
- Libraries should be at the heart of every campus – an AI library still needs human librarians!
- Data–visualization help
- Digital twins for health
- Make the best of the world of the future even better
- Good marketing for the university
- Suggests an industry expert to collaborate with
- AI data security to guard confidential research info
- Have adequate, dedicated technical support to make users able to engage across disciplines
- Inviting space encourages authentic, "real" interactions to balance technology utilization

IDEA: From immersive literature to integrative reading research to changing literature experience

EXPANSIONS:

- Culturally relevant literature immersion
- Summarize, develop, create
- "AI companion": interprets, analyzes, questions, and provokes the reader
- If educational, also interprets to develop studying mechanisms
- Making sure DEI is incorporated
- Leverage global Gator presence
- Assess reading comprehension "line" as user reads material
- Have AI guided group discussions with reports for faculty
- Great if it can process the real ideas or perspectives of the reader
- Make all reading a book club
- Sounds fun (students can experience the period, culture, and can read texts from different perspectives)
- Matches you to books you would be interested in for different disciplines
- Summarized books in easy points for a quick read
- Put people in touch with other humans who shared their love of specific books (with their permission of course)
- Socratic method of quizzing/probing with AI can deepen understanding
- Provide contextual understanding and insight

IDEA: AI research projects that involve at least one person for each college and (at least one undergrad, one grad, one staff, one faculty)

EXPANSIONS:

- Very practical! Congratulations, important idea.
- Yes! But not only each college, each department and division at the university
- Do not limit to one person per college
- Find an industrial partner for the research
- Include the libraries resources, services, people
- Research projects broadly to learn and gain new skills not limited to specific
- Expand to include everyone connected

- Once the group is formed, share the discussion, spread knowledge
- Automatically identify people who would be an asset to the team
- AI identifies blind spots/lacunae
- Don't do symbolic projects though. Get as many people engaged as possible!
- AI identifies other sources for research purpose (references)
- AI can be used as a match making service to pair individuals with relevant projects
- Early career professor fund that also helps with creating interdisciplinary research portfolio

IDEA: Develop the input/output interface with super-high speed for human-like brain connection, to improve human-based communication efficiency – Digital Twin

EXPANSIONS:

- Add different variations for different stages of life
- Start with K-12
- Job simulation: learning the real-world experience for career readiness
- Help neurodivergent folks specifically
- Accounting gesture to avoid miscommunication
- Expand digital twin to include physiology
- AI comes up with an idea how humans can adopt AI better
- AI that automatically deals with busy work for you
- Privacy issues with personalized digital twinning will need to be a focus for this to succeed
- Support in decision making
- Reduces anxiety that many feel initiating communication
- Why would you need a digital twin?

IDEA: Design higher education or training that partners AI with learners

EXPANSIONS:

- Add different adaptations for each job/specialty
- Included K-12 as foundation
- Build the skill-based curriculum according to industrial/occupational needs
- Have AI model follow students throughout education, so it remembers content/problem areas as student progresses
- Decrease class-based inequality for access to AI-based apps. Some paid apps can produce better results which can affect student performance.
- Incorporate practice learning as well
- Use AI to make it easier to think outside the box
- Self-evolve (AI generated training has its own audits)
- Explain concepts easily (at different levels of education)
- Have a basic "AI core" that all students should know
- Design curriculum
- The dream of adaptive learning and obligations one-on-one teaching closer than ever
- Use AI system to create the courses and make them engaging instead of passive
- Use AI to generate innovative tasks
- Involving industry leaders

IDEA: Decision pathway. Technology to help solve/develop that can be adapted to the personality, knowledge, and emotions of the individual

EXPANSIONS:

- How this influences people solving problems
- Simulation, virtual career exploratory AI to support students
- Use RAG models to customize – some predetermined datasets to plug in and custom sets
- Mental health for students and increasing awareness of resources available should be considered
- Can be accessible everywhere and without bias
- A digital friend to only you
- Provide options with costs/other considerations
- Analyze strengths and weaknesses and help you be more well-rounded
- Suggest experiences book/other media that might help them
- Use AI to build consensus: "what would most people do in this situation?"
- A digital therapist who knows you well enough to offer you advice
- Reduces stress because things don't fall through the cracks by being forgotten
- Show different scenarios to help with decision making
- How can AI develop emotions
- AI system that suggests instructional approaches according to predicted emotions

IDEA: Global Warming – minimize

EXPANSIONS:

- Big data to identify the pattern, develop the algorithm
- Run UF's supercomputer on only renewable energy
- Find AI driven solutions ahead of time for hurricane cancellations
- Incorporate outside environments to predict well
- Help people understand they cannot escape it
- Technology to recycle better/more
- AI that will help people understand difficult concepts and think for themselves
- Help debunk false narratives in a non-accusatory way
- Get AI to use less power, so it doesn't end up contributing more to global warming than it helps the problem
- Autodetect plastic in disposed garbage to further treat it appropriately
- Have a glass roof initiative to put solar panels on as many UF buildings as possible
- Recycling sorting and counting system
- AI robotic system that automatically sorts trash and put recyclable pieces in separate bin
- Use AI to abandon plastic
- Find societal patterns to many identifiers for better "buy-in" (enable people to care)

IDEA: Virtual reception/front desk/living room – Welcome to UF

EXPANSIONS:

- All visitors greeted by Alberto
- All employees registered before start to recruit

- Digital twins to explore UF campus programs
- Each department/unit has its own digital twin to represent them
- Alumni should be incentivized to show up too
- With all the fun activities for ice breaker
- Can be an extension of the people but not replacement
- 24-hour service
- Pre-programmed solutions to common problems
- But people want humans to help them. Use AI to free humans to interface with humans. People want less not more virtual interaction.
- Automate restocking of office supplies via online purchase (eg. Amazon)
- Students get directed to academic support or health resources in timely manner
- Virtual reality cicierones and preview staff
- Virtual reality onboarding
- VR/AR system to explore campus while waiting for human tour guide
- How do you share experiences
- Spaces that give information of potential collaboration by recognizing the people, the skills, and knowledge present in the room

IDEA: Basic/intermediate AI and data science literacy and tech skills for EVERYONE on campus.

EXPANSIONS:

- Faculty should get this training to see what skills are available for students to incorporate
- This should have specific level for each faculty across campus
- Enhance use of AI in daily life at UF
- AI will get easier for everyone
- Teach people how AI can help advance their field
- Teach people how AI can help them in their non-academic lives
- Build AI tools to make it easier for humans to use AI effectively, instead of making everyone become an AI expert
- Having this model recommend AI trainings based on field of interest
- Helps give everyone a baseline of skills in many fields when they know how to use AI
- Will give people confidence in using AI and how it can help with everyday life
- Help faculty integrate AI in teaching
- Avoid mandates at all cost. Carrots only!
- Maybe think about including K-12
- And foster the application of new AI-knowledge in solving UF/community problems
- Develop AI to help to use other AI tools

IDEA: Have a designated AI faculty across departments to highlight relevance of AI for all fields. This faculty can train other faculty. Establish career driven interactions with outside for disadvantageous field.

EXPANSIONS:

- Have this faculty drive out gender biased or any kind
- Enhance AI progress at UF

- CPE
- Have faculty be leaders in teaching people how to grow with AI instead of fear it
- Be helpful, not a threat or imposition
- Peer to peer teaching is very valuable
- Restructure departments from scratch for an AI-enabled university
- Be empathetic towards the students based on their current scenarios in life
- Similar concept of nurse navigators in medicine. Access is essential.
- Faculty and staff. Need more than one per unit – need university level funding
- Something similar also used for organizing department drives and teams files
- Once have it, 10, 100, and more will duplicate. Human faculties will be replaced.
- AI ombudsman" at all levels – department, college, divisions, etc.

IDEA: Metrics for evaluating faculty/student/applications

EXPANSIONS:

- Improve career progress
- Promote based on performance
- Train AI to consider/add value to non-traditional metrics in applications (ie. Consider leadership/innovation potential in applicants)
- Suggest alternative majors/careers the person may not know or have considered
- Let the AI be the "appointments committee" and stop wasting faculty time on committee work
- Automate repetitive decision-making tasks for faculty
- Make metrics for success more transparent
- Train AI to look for outliers that deserve a second look and need more analysis
- Analyze systematic biases in current "merit"-based system then provide support and remediation
- Ability to understand how applicant's short and long term goals align with job
- Make sure AI doesn't replace committees work
- AI for faculty metrics that go beyond numbers (eg. Student GatorEvals, citations, funding, etc.)
- Measure creativity/performance as a specific system
- Consider current staff personalities for right matches
- Consider how non-measurable aspects should still be evaluated by humans
- Differentiate human/AI contribution for applications

IDEA: Make food as precision medicine part of daily medical practice

EXPANSIONS:

- Food is agriculture – foodomics – detailed composition of food grown and produced sustainably
- Food is medicine – keep people health with optimal nutrition
- Food as precision medicine
- Individualized (since everybody is different)
- Tell people what they shouldn't be eating based on comorbidities
- Give them options (accessible and delicious)
- Understand the science of why people eat food they know is bad, and address root causes
- Recommend customized diets based on medical history and genetic make-up
- Use AI to identify, predict, and solve food deserts for communities
- Have the emotional support system created to help those root causes for poor decisions

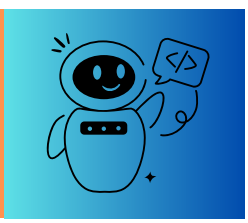
- Part of benefits of being UF faculty/staff and student
- Diversify food – inspiration from foreign culture and practices
- Culturally relevant AI based solutions that account for people's traditions to recommend medicinal diet
- Exercise and food
- Better understanding of food composition
- Gut microbiome is important
- Every visitor to UF gets a piece of health advice
- AI healthy living companion: what should you eat, what exercise best for your body type, etc.
- Decolonize nutrition recommendations
- Find ways to nourish faculty to improve their performance
- Find ways to make food available all the time

IDEA: Detect and filter phishing/scam/AI generated voice cloning so that we can rely on the communication

EXPANSIONS:

- Automatically block the call or hang up
- There's some great work now happening on how to de-identify voice data without losing interesting data embedded in voice samples. That could be harnessed for this task.
- Auto block these scams using AI. Should not reach the end users.
- Programs to encourage families/teams to have "passwords" to help verify identity
- Catalog phishing for generative production for hardening defense testing of target and risk
- Have pseudo-numbers that send calls to cell phone for all employees instead of using actual numbers in UF directory
- Send calls back to callers
- Gather ideas from people to understand how they detect phishing so more AI systems can be retrained with new strategies
- System-level monito, personal protect: double/triple check with other sources
- Communicate when phishing/scam are found
- Identify the fraudulent job posting, recruiting activities, recruiter
- Part of a wider AI security issue
- AI agent monitoring AI?
- Create AI to skill the possibility of scams

WORKSHOPS: WORKSHOP #6



UF Workshop – Jan 8

Attendees: 22 total (7 staff, 10 faculty, 3 staff & student, 2 faculty & student)

IDEA: Culturally Responsive Responses that are aware of systems of oppression (eg. Mental health related information)

EXPANSIONS:

- Using data we already collect from folks (hire/admission)
- Provide immediate and long-term support/solutions
- Mental health intervention
- Add high-level wellness intervention
- Leverage GatorWell and SHCC more effectively with this enhanced awareness
- To help those who aren't familiar with cultural diversity and practices
- A way to be welcoming to all
- Tailored "personality" of response to the individual
- Could perhaps help in searches so we increase diversity (recruiting faculty and staff)
- Also, an accessibility component
- Linkages back to faculty/staff to help them to help learners/students
- Make sure people from many backgrounds are included in developing this
- Love this! All input above is great too!
- Use data to lobby government to invest in mental health
- AI to diagnose bias

IDEA: OneHealth tech (environmental, human, social) integration and feedback from Internet of Things at campus (people, buildings, natural systems)

EXPANSIONS:

- You can also integrate resource-connection
- Wellness notification for employees (ie. Stretch breaks)
- Yes, and notification must be generated to enhance productivity – so not too often and not too much
- This could also be used (de-identified) to prove locally the effectiveness of these efforts to management
- Allow people to opt-out – good to not overwhelm with information
- Or choose level of participation
- Also need to provide resources for data discoverability for users
- Ability to customize
- Ability to take records with you when you leave (coordinate with other organizations to create a standard)
- Need to let people know it is a resource – not Big Brother

IDEA: Course material creation assistant

EXPANSIONS:

- Critical *illegible* about AI hallucinations
- How can we facilitate students' engagement in class?
- See what faculty at other institutions are doing

- Allow textbooks/materials to be more affordable – should include all aspects of students, housing, UF Gear is way too expensive on campus
- Using different mediums/keeping accessibility in mind
- Automatically update course material if new techniques info become available
- Ensure that the assistant uses a comprehensive model (PBL, analysis/synthesis/integration/synopsis and E Based
- This may be particularly useful for case and equation generation vs. content that may need more oversight
- Turn lectures into effective digital textbooks specific to the instructor
- A way to curate to student learning styles
- Students could ask for supplemental material without additional burden on instructor
- Incentive faculty from different colleges to collaborate in co-developing/co-teaching courses using these resources
- AI could also draft a canvas shell based on syllabus, using frameworks for high-quality online learning (Qual Matters)
- Create AI assistant of course usage so instructors easily understand how students used/didn't use the Canvas shell materials (formative summative assessment)
- Existing commercial products in this area can be leveraged – these could be provided to faculty through central IT (NOLEJ smart import H5P)
- Should be done in collaboration with our existing instructional design Teams
- Assists/performs grading

IDEA: AI Personal assistants built in across university systems specific to UF, not generic like Gemini or Apple AI

EXPANSIONS:

- Tutoring assistant for high failure courses would be helpful
- Identifying and preemptively reading out to students that are struggling across classes or other measures of mental health
- Gather students' needs
- Make pro dev more accessible
- Tells you what office/system to leverage
- Personal AI assistants knowing the job market needs and who are tutoring accordingly
- Chatbot "TAs" trained on a course canvas content from each course offering
- To help manage administrative tasks
- Yes, and help staff employment – humans are needed
- Yes, and create reports based on data (like admissions, tuition revenue return, etc.)
- Need to ensure the end user experience is easy and intuitive for adoption to take place
- Faculty and staff need better understanding of how to use current resources, especially those not on the main campus. World of innovation, research and application in "real work" bring people from the outside in
- Continue our UF efforts with co-pilot and NaviGator
- Can still use commercial LLMs, but trained for UF needs
- Create trainings/how-to guides for prompts that are asked a lot

IDEA: Assist with campus safety (assistive police robots)

EXPANSIONS:

- Integrate with GatorSafe app to give advisories
- Information from distributed sensors and cameras – ethical data integration
- Specify the sectors (eg. Natural disasters, types of crime)
- Provide nighttime assistants to "walk" with people
- Overcome barriers of embarrassment by obtain AI/anon help
- Cut down on bias from human interaction
- Leverage information to create/refine proactive redeployment (focus on prevention)
- Definitely use this in UF packing garages to track suspicious actions and help identify those who crush into parked cars and drive away
- Identify physical safety hazards – lights out, trip hazards or worse
- Improve the fan experience at athletic events (rowdy fans)
- Identify "safe paths" on campus maps or areas that will have higher foot traffic to move around campus
- Integrate with bike safety at street intersections and changes on university for pedestrians
- Tie identifications of issues to response action from necessary personnel
- Faster response time
- Parking game day enhanced easier
- Integrates with loss prevention research (over at the Hub) to help prevent possible incidents
- May have a use as a first response to a situation us officer in uniform

IDEA: Create: connect a community for remote students to enhance their sense of belonging to improve their experience.

EXPANSIONS:

- Include on-campus students to connect them all
- Discovers specific campus tools/committees for each student
- Connect student based on interests and academic path
- Virtual reality classrooms
- Provide some information on good restaurants, hipsters' places etc.
- Study abroad integration with UF residential students going to remote students
- Connect virtual students in similar geographic regions (if they want)
- Combine with augmented campus reality to make them get to experience campus together
- Integrate with other augmented technologies to connect students in 30 virtual or real life events
- Also to enhance their sense of becoming and to indicate a balance between doing and being
- Discipline specific virtual environments
- Use virtual exchange processes to create community
- Virtual and group places to meet
- Automate suggestions of new contacts to whom you might relate well
- Always look for ways to connect these learners with main campus
- Consider use of AR/VR headsets and environments

IDEA: Improve decision-making for people and organizations

EXPANSIONS:

- Streamline processes
- Decision trees to help the user see possible outcomes
- Algorithms trained by experts across campus
- Collect and analyze data on obstacles and barriers in processes
- Decision feedback for optimal learning (what was the decision and what are the metrics)
- Figure out decision makers' value system
- Help supervisors do their job effectively
- Gather/synthesize data to show where to spend time and what is already being addressed/improving
- Provide historical outcomes of decisions for other people/institutions to weigh decisions
- This could be used in decision-making meetings to better document and communicate decision made to stakeholders
- Add in all algorithm's ethical decision-making
- Reduce need for long meetings
- Give overview of qualifications for decision making processes
- Don't forget the humans – human review and ethics are essential
- Make it easy to use common tools/approaches
- Ability to connect, networking – who is working in this space already, suggest collaborations, mentoring throughout the entire UF enterprise
- Continue to push for the integration of separate data ecosystems

IDEA: Coordinate research experiences using AI for undergrad and grad students with faculty in all fields. (vastly expanding current opportunities)

EXPANSIONS:

- Increase awareness of similar topics across colleges/departments
- Co-curricular opportunities need more promotion/awareness – promote interdisciplinary approaches to problem solving
- Include industry and community partners
- Detailed to fit professional/personal needs/desires – maybe suggestions to the student outside their desired field
- Promote interdisciplinary thinking and connections
- AI summaries of UF research and researchers for collaboration, AI could gather info and partnership development on current research of faculty and suggest to faculty how to promote to potential student researchers
- Provide AI 101 classes
- Help lower-enrollment departments incentivize students to join by showcasing their importance with more obviously AI-related departments
- Broadens hiring pools for faculty (sharing of talent) and ways to hire skilled students to work on your grants
- Broadens grant opportunities
- Students – undergrad with particular struggle with learning "hidden" curriculum with this space. Vastly increase learning.
- Add clinical faculty to the mix – who are not researchers but want to participate in research
- Digital re-creation of research labs to expand virtual access to any student
- Use virtual "piggybacking" on online/remote collaborative experiences
- Automate suggestion research areas to help improve discoverability
- Networking – suggest collaborations, expansions throughout the UF enterprise

- Provide stipends for undergrads
- Create ways to scale research labs and experiences based on models for existing labs
- Foster development of more AI-cure classes

IDEA: UF is recognized as a national leader for AI scholarship of teaching and learning

EXPANSIONS:

- AI specific cabinet position
- Increase publicity – many departments do a lot, but not well communicated outside academic literature
- Continue partnerships with other Florida universities, especially community colleges
- Include student success stories and career development
- Fully embed in all programs as part of course recommendations – continue our focus on use of AI across all UF aspects
- Partner with other hospitals/clinics also
- Hire staff to publicize AI case studies and have AI conference at UF
- AI synthesis of learning objections and outcomes
- Balance students' use of AI in learning/doing assignments and prevention of plagiarism (copy and past stuff from ChatGPT)
- Include non-teaching faculty and staff development (we're all educators"
- Include administrative processes that support to modernize all areas
- This should include not only tech advancements but also effectiveness of use cases
- National leading in teaching/learning – research and service
- Agree, use AI to align objectives with assessment in courses
- Allow a "think" conference for AI
- Make an easy pathway for researchers to access system data (student info, faculty info)
- Demonstrate successful AI applications in staff scenarios in addition to academic
- Are there others already ahead of us on this? If so, let's partner rather than claim to be only/best
- We are behind in student data and dashboards (NYU, NCSF, Cleveland Clinic)

IDEA: Seamless AI assisted registration system for all learners (degree, non-degree, lifelong learners)

EXPANSIONS:

- Use degree audits to predict course needs in future semesters and draft schedule
- Predictive analytics to help student success with course pathways
- Show probabilities of seats becoming available in classes before they do
- Assist advisors with identifying multiple pathways for students
- Show students possible outcomes, future career options for their decision making
- Suggest potential success rate for the student (excel vs fail)
- Recommend classes for students that they otherwise may not find
- AI assisted advising across majors, GenEd, certificates, minors, etc.
- Conduct needs assessment of lifelong learners
- Include athletes and international student schedule constraints
- Connected to space system to allow for better use of classroom space across campus
- Maximize registration opportunities

- Provide more choice for students. Learning is not always prescriptive or formulaic
- Add to AI – not only "learning goals" but also what the practical application will be
- Agree, let this help academic advising
- Registration and knowing what to register for
- Suggestions like – based on the courses you've taken and your grades, consider the following classes or exploring a different major
- Would work for trainees as well (residents, fellows) as an academic medical cneter
- Streamline orientation in the hospital system…AI based on what you need to know with available resources. They will come here already ahead.
- Alumni can continue to receive information/news about college/department (opt in at graduation)

IDEA: Develop a center for integrating AI across all UF College of Medicine locations that supports the total medical education spectrum (from pre-med through faculty)

EXPANSIONS:

- Include both tradition and non-traditional medicine
- Include all health science (6 colleges/interprofessional Ed)
- Also include HEB department in HHP
- Use case for other colleges to utilize AI in multiple departments/locations
- Include patient-side systems
- Include hospital EMR data for research
- Consider how to include UF pre-health students in initiative
- Include the value of wearable technology for medical education cohort (expand to all UF students/staff/faculty)
- Learn some research finding that are not noted in English
- Module for showing/telling/exploring pre-health students what health professions are
- Includes non-education specific items like mental health
- Align with UF Health
- Extend this to pre-health interest and education/advising
- Extend this to health professions (OT/PT/speech and public health)
- Create it for discipline adjacent areas as well
- Integrate other health education disciplines to build collaborative skills
- Set up infrastructure so it is easy to use without having to worry about data privacy
- Need to keep innovation – fund this long term and resources. Medical students and trainees will come in with skill sets in AI or access at their previous institutions that we do not have. Evaluate nationally where we are on this continuum.

IDEA: Precision Education including Precision Medical Education

EXPANSIONS:

- Undergrad, grad, UME, GME
- Regular campus classes, residents, fellows
- Competency based
- Dashboards with student data, trainee data
- Connected to patient outcomes – medical education
- Connect to any discipline outcomes

- Include bio ethics
- Based on an easy to use interface
- Access for advisors/coaches to intervene for student success
- This is bigger than UF, participate in a hub or consortium
- Share data with other institutions and promote findings
- Use predictive technology to anticipate workforce needs
- Integrate with UF Health
- Individualized/personalized education – some residents could graduate early
- Job prediction fit (makes sense to stay at UF?)
- Analyze outcomes and long term success
- Identify opportunity for micro-credentialing
- Learned empathetic listening skills (for future/current providers)
- Incorporate students' learning styles/preferences on an individual basis
- Provide unique assessments that align with objectives but are specific to an individual student
- Demonstrate pathways for what not to do in precision education
- Use a pre-assessment process
- Use education history to suggest less "common" curriculum choices

IDEA: Create an AI-assisted parking and driverless transportation system on campus. AI tells you where there's an open spot, then takes you to work

EXPANSIONS:

- Would save your spot once identified – can pay there in the app
- Connect to popular map GPS tools
- Incorporates class schedules to maximize efficiency – when to arrive/leave
- Use EDGE-AI and Internet of Things to help implement this
- Maybe include satellite lots with driverless buses
- This would also be great to include RTS bus routes
- Integrate with non-car transport
- Include educational material during transport specific to the individual
- Does not consider status – equitable and fair
- AI assisted EV charging (electric cars) to create incentives or car pooling
- Considers the rates/eligibility for the use
- Integrate with TAPS citations and appeals processes
- Shands too
- Carpool options to match commuters/sustainability
- Extend beyond campus to schools/day car
- Virtual valet for fans at athletic events
- Real time problem identification and repair dispatch

IDEA: Set up a "Pilot Team" that faculty/staff/students could go to and ask "could we..." and the team could help make that a reality

EXPANSIONS:

- This would help with increasing understanding of AI's power
- A think tank

- Increase staffing and awareness of research computing's support team – make more free access to this
- The team work be from multiple disciplines
- Celebrate quick wins with publicity and awards
- Communicating campaign to help demystify AI potential
- Provide mini-grant funding for small impactful implementation
- Integrate with UF innovation academy
- Can AI help identify the priorities of this "Pilot Team" based on crowd source data/feedback
- Coordinate in-person/walk-in meetings to increase availability
- Campus community votes for initiatives
- Annual "hackathon" style competition
- This AI could greatly diminish communication gaps on campus. Sometimes a pilot already exists, sometimes training/parameters unknown
- Add a "feasibility team" as the pilot team may be limited
- Use AI to model outcomes of various decisions from this think tank

IDEA: Some way to give concise, accurate directions on where to find rooms/locations in the shands medical complex

EXPANSIONS:

- Interactive AI kiosk at main entrances
- Linked to your personal mobile device and navigation
- Color coded app for locations and parking – patient friendly
- Parking stamps to QR code for scanning
- Make it easier to find and reserve a room for meetings, conferences, teaching, etc.
- This could apply to all campus buildings/locations and best
- Use Edge AI and Internet of Things to help implement this with sensors
- Renumber buildings and rooms if needed, they shouldn't be set in stone
- Geolocation enabled for easy walking guide
- Integrate with all existing wayfinding – visual cues, etc.
- Do this for all campus
- Integrate building sensors so you know how cold/hot/crowded each building is
- Put some AI robots so people can follow them
- Staff can monitor lots from inside and be available to assist
- Face recognition of confused people so someone can help direct you
- Personalized digitized lines on walls for guidance and kiosk questions
- Extend this to all buildings – not just shands
- Like what is used in airport maps when you're switching flights
- Include "digital plaques" in AR to help people identify what is happening in the building they are in

IDEA: Identify personality types and communication styles that makes people effective in their field to foster innovation

EXPANSIONS:

- Make space for neurodivergent thinkers
- This is a type of cultural understanding

- A personal "mentor" of sorts to help you succeed
- This could be an enhancement of UF engaged evals for staff and faculty evaluation
- Should identify diverse personalities needed to enhance brainstorming
- Develop a way for like personality groups to connect across disciplines/colleges for collaboration and grant ideas
- Also consider that a diversity of personalities/perspectives could make a field stronger. AI can support cognitive styles that are different and help translate that to a dominant style
- Results could be linked to additional resources
- To get a large enough sample size, expand this beyond UF to other universities
- Include these in email/directory info to help us connect with one another and learn more about someone we may never met yet
- Expand to cross-fields
- Also maybe to help with diversity
- Tone detection in emails (ie. Person you are emailing prefers shorter statements and directions)
- Customize for different learning styles – deduce different learning styles
- Teach empathetic understanding/listening skills
- Normalize communication about those personality types
- How do we stop human bias if exposed?
- This could be piloted in large group feedback sessions used as Blue Sky or presidential search
- So many personality type assessments exist – get AI to come up with a supermodel to seamlessly group individuals

IDEA: Develop discipline-specific virtual environments and avatars to help students develop hard and soft skills and collaborative skills with other disciplines

EXPANSIONS:

- Students need to be able to understand themselves and habits, great idea for student success
- Also think of a way to measure how outcomes are improved
- And badging to recognize skill development
- Provide FTE focused just on brainstorming – incentive, burnout decreases
- Make sure faculty also know how to utilize resource
- Develop scenarios to get users out of their comfort zones in a safe space
- Collaborate with existing UF experts in the field of virtual people/AI agents. We have great researchers in this area
- "soft" skills are not easy, so make sure that this effort focuses on what they really are – people skills
- Student activities and involvement can use this info to help students create organizations
- Expand to cross into real life
- Integrate with social media
- Integrate with VR, AR, XR technology
- VR for overcoming fears of public speaking
- Measure their hard/soft skills and identify their targets
- LinkedIn digital badging/line to put on resume
- Increases accessibility
- This is my research interest – see Enostrom chat research would be extremely compelling for group work
- Students need to contribute to the plan of development

IDEA: An assessment tool based on a continuum of competency

EXPANSIONS:

- Tool can be developed to help assess faculty output
- Needs to have common definition of what competency entails
- Will there be a certificate or other recognition
- Need to also consider pace of change of field. What was "great" 10 years ago may be basic now
- Very similar to competency-based medical education – ACGME, model. Novice to expert.
- Better coordination among for-credit and non-credit opportunities to limit overlap and coordinate progressive learning. Need to have linkages between credit and non-credit.
- Tool directs faculty to different assessment development ideas/generators to align with Bloom's taxonomy or other desired standard (not all knowledge-level only)
- Will this be discipline specific?
- "moving the bar" for competency over the course of a career is fine, but make sure people know this will occur
- Tenure review? Unbiased?
- Integrate with third party platforms like LinkedIn learning
- Microcredentials and back filling (remedial) skill building (especially for transfer students)
- Add newer competency and remove outdated one
- For staff/faculty/employees, a metric for raises – align with analysis of titles/pay grades/ growth

IDEA: AI assisted tutoring (connectivism learning theory), staff/faculty and AI helping students learn ore and apply it to their future work/scholarship and students informing staff of their shortcomings

EXPANSIONS:

- Avatar chatbots in canvas specific to course
- Needs to have a component to address emotional intelligence
- Helps students who are afraid/ashamed to ask for help and those who need more than instructor can provide
- Student education and physician trainee dashboards would help this. Give them their data (test scores, patient outcomes, quality measures) in a dashboard – you are here...compared to where you should be. Provide advice to "precise education" if ahead, how can you continue...excel more
- Use AI as a "cognitive partner" to support deeper student reflection. Rather than a TA with content knowledge, this could be successful as an inquiry/question asking tool
- Should have ability to assess where the learner is at and where they want to end up
- Find a way to use information from other students, while preserving their privacy
- Include a predictor/flag if a student has shown signs of needing mental health or wellness support also
- Reverse model – students learn then teach the concepts to AI
- Adjust suggested method by the time of day (ie. Video, audio, reading) or other parameters
- Remedial assistance on exams
- Need info on learning styles, goals, remedial needs
- Identify the barriers of health seeking behaviors
- 24/7 assistance but incorporate wellness breaks/FYIs (eat, drink, water, go to class, etc.)

- Provides staff recommendations for training/skill development and align with UF engaged growth opportunities

IDEA: Use AI to ask "how do I do xxx" for processes, allowability, etc

EXPANSIONS:

- This could greatly enhance training processes on campus resource HR tutorials "just-in time" training
- Feed all data back and ask AI to improve itself - faster and smarter than the human process
- Expand to all units that touch the university
- Great for staff success
- Also provide support for implementing. A great idea isn't actionable if you don't know how to get started.
- Maybe include ideas of efficiency or productivity (or is this more of a knowledge base tool, if this can develop a strong UF knowledge base to interact with LLMs using RAG)
- Learners need training on how to get the most out of AI - prompt-a-thons
- Make this a hierarchical effort. Having only one for all of campus might not be best.
- Track FAQs and develop trainings or professional development for these items that staff ask a lot
- Upload job description to help find right person for XXX
- AI.ufl.edu not my.ufl.edu
- Identify people's valued preferences

IDEA: Continued use of building digital twins to monitor facilities across campus

EXPANSIONS:

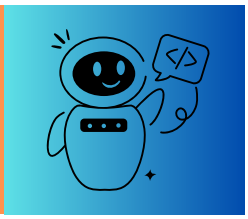
- Expand to all UF properties statewide
- Use for analytic processes for future building/construction
- Why stop with digital twins? Why not triplets or quadruplets?
- Use to improve fan and athlete experiences at athletic facilities
- To understand how facilities are actually utilized
- Buildings that self diagnose help reduce time from problem to resumed functionality
- Easily provide tech support for instructional technology
- Increase digital twin training and education options
- Data provided to users? Today your AC is out
- Beyond understanding facility use, use for monitoring and improving efficiencies/environmental impacts of facilities through AI sensors
- Can be used to drive needed renovations
- This use case has been studied for decades in operations research and operations management, fields that many may not be aware of
- Use to improve student belonging
- Anticipate future infrastructure needs
- Investigate how microsoft is doing this with simulations and bing image data
- Digital twins for predictive modeling
- Digital twins for campus health and human health
- Auto-generate work orders (eg. Out-of-service water fountain)

IDEA: Game-ify Campus (like Pokemon Go/augmented reality)

EXPANSIONS:

- Uses certificates as the pokemon for students to learn offerings
- Create pins or sticker badges (bling) each semester for who has explored most
- This could be an effective strategy for non-course-based learning - may also be good for Quest courses
- Use for student recruitment
- In a way that fosters interdisciplinarity
- Welcoming to campus guests
- Can include seasonal/temporary goals (sustainable actions, study goals, etc.)
- Introduce students to clubs, activities, and opportunities
- Great to increase faculty, students, staff, experience
- Introduce students to documenting life skills - alternative credentials
- Include organizations and offices that students should visit, either at least once or frequently, but do not
- Let's make sure this is also available to remote students, not located here in Gainesville
- Expand to surrounding areas, so on-campus student get...off campus
- Modern way to get students to engage intradition keeping
- Integrate to find like-minded colleagues/friends
- Part of the UF tour for prospective students
- Be mindful of students' disability (be inclusive)
- Highlight/showcase current/ongoing campus events
- Network/connect with fellow Gators
- Staff can track attendance via geotag cations and provide digital swag to students to incentivize
- In real life or "green screen" selfie with traditions and locations/landmarks
- Offices can set quests/tasks to increase engagement
- FYF integration

WORKSHOPS: WORKSHOP #7



Oak Hall Workshop - Jan 15

Attendees: 20 high school students

IDEA: Use AI to decode DNA and create a programming language that can generate chromosomes in real work to create new or improved species

EXPANSIONS:

- I'm an improved species

- This is cool
- Wow! I love this and I wonder how people may be different with their behaviors, intelligence, etc.
- And maybe create new advancements for courses focused on DNA
- AI images to show you what organisms will look like
- Jurassic park idea
- Cancer be gone lol good idea
- Perhaps using CRISPR
- Aight, bet, word
- This is so good

IDEA: AI planner (classes, personal life, etc.)

EXPANSIONS:

- I wish AI can be my personal college counselor, telling me exactly how to get into my dream school
- And personalizes it based on goals
- I would like AI to tell me who to communicate to, classes to take etc. to get to where I want to be in life
- Telling me everything I need to do to get into top schools
- Word
- Can balance a good college with good costs, good work–life balance

IDEA: A program that helps me lay out everything I'll need to do to successfully complete college

EXPANSIONS:

- Potential AI tutor, counselor
- Personalized
- Amazing idea
- Maybe you could fully explain how you want to end up, like where you want to live, etc.
- Word
- Good
- Skibidi
- Evaluate scholarship opportunities

IDEA: A program that helps you with time management and reduces distractions

EXPANSIONS:

- That sounds great
- Personalized
- Data protection
- Cool
- Where do I buy?
- Can tell if you are distracted or being distraction–free
- It would tell you like if you start this at a certain time, when you will end
- Word

IDEA: AI personalized tutor

EXPANSIONS:

- Have sound and image than just words, created quizzes
- On god
- Great for getting better grades
- Total hottie wrote this idea
- Good idea
- You're so cute
- That knows your courses and future goals
- Word
- Drake is the goat
- Word
- Knows your social life as well
- Can help you understand subjects
- Tough schlawg
- By far the best one
- This is absolutely necessary for learning

IDEA: It would be nice if UF invests in creating barriers so that students do not rely so much on AI and that they no longer know how to do things by themselves. AI should benefit students, not harm them in the long run. Students should not rely on AI only.

EXPANSIONS:

- Use limiters?
- Very good
- Let's combine students with AI
- Word
- Word
- Make sure you actually know the stuff
- On mama
- And use AI to limit AI use

IDEA: A powerful pocket quantum computer with the capability to build

EXPANSIONS:

- "name" approves
- Nice
- Yes
- Awesome sauce
- Improves efficiency
- Word
- A house
- Can use particle and fluid dynamics to look at drag at different speeds

IDEA: For AI to take all my tests for me

EXPANSIONS:

- Info databank
- Make like a prosthetic ear to tell me the info I need to know
- ChatGPT
- Same
- Yes
- Nice
- Word
- Yes, king
- On mama
- Approved

IDEA: Assignment time manager

EXPANSIONS:

- Sounds great
- Class/worksize restraints, calculate needed time +− 5 minutes
- Amazing idea
- And more
- Love this
- Yes!
- Word
- The evidence that we can't be replaced by AI

IDEA: AI housing

EXPANSIONS:

- Love, very safe
- DNA listing?
- Explain?
- Eye scanning to get in doors
- Easy way to get inside
- On "name"'s soul
- Word
- Nice
- Building my dream home
- Interesting
- How to save power at the same time?
- AI security?

IDEA: Schedule assistant

EXPANSIONS:

- Series of inputs –> best time for things
- Time efficiency
- Yes
- Very nice I need this
- Word
- Not only aim for efficiency but also relationships, happiness…
- Yes, and not just have you working all the time, have a social life

IDEA: Keep AI in check with regulations

EXPANSIONS:

- Using AI?
- Very good, make law requiring use logs?
- Yes, because AI might get too powerful
- Yes, don't wanna die
- This was my idea (AI barrier)
- Idk bout that chief bud
- Word
- We need to improve ourselves at the same time, at similar speed

IDEA: The unit of time does not work the same within code you are able to simulate thousands of years in minutes. My proposal is that you use this technology in order to train AI to accomplish dops (?) Sample trial: You can have sources that are trying to get circles if they don't get one in ten seconds they die. While you may simulate this in real time, but you can eliminate the constraint of time and have it simulate its sub. Using accelerated time, you could train AI to preterm any job with insane efficiency.

EXPANSIONS:

- Very smart/innovative idea
- Nice
- Timescale is cool
- Word
- Cool idea
- Efficient

IDEA: A program that can look through my Canvas and my calendar and make a schedule for how long I need to work on each thing every day in order to finish in time

EXPANSIONS:

- Cool
- Nice
- Keep up the good work
- Very nice
- I support
- Helps a lot

- Love
- Expand to other things? Good
- Word
- Still love it
- And can approve when *illegible*

IDEA: AI life manager – you put in all your goals/aspirations and everything about you so the AI robot knows everything about you. Then since it's a voice robot machine in your house, it keeps your life schedule organized so you're basically living with another person who always keeps you accountable and helps you through life problems and teaches you tons of info. Helps you become better without doing everything for you, so you still learn how to become hard working. Since college is very busy, it would seriously help you. It's a physical robot. Not supposed to make you lazy.

EXPANSIONS:

- Make it carry me food
- Same
- Make it give therapy
- Very nice
- Yes, love, need this
- Very good and specific
- Word
- Sometimes it's important to save challenges in life yourself

IDEA: For AI to be my friend

EXPANSIONS:

- I will be your friend
- I'll be your friend
- Cool
- I love you
- It's going to be ok
- That's nice
- word

IDEA: An AI bot that tracks my college life, listening in on my lectures, telling me exactly what study methods I need to use most efficiently and tells me where I will end up based on the present.

EXPANSIONS:

- This is one of mine, are you in my head?
- Easier to know what to study
- And gives tests along the way to alter the study methods they give you
- Provides sample study methods for you to pick what works best so it will alter its info given to you
- Wow, very smart, because not all study methods work for everyone

- Can also track your time efficiency
- Word
- Plant ChatGPT into your brain can save us efforts

IDEA: Bot brings food during lectures and classes so we can focus easier in class (personal assistant)

EXPANSIONS:

- Or drone
- Each professor has one
- Call/text button on class tables and tablets (really big) to order on throughout campus
- They can heat/cool certain foods
- Very smart, I approve
- Doordash for class, nice
- Get rid of the smells of food, smelly food
- Word
- Word

IDEA: AI glasses to input all educational class information you have viewed or heard and create a collection of all you've learned. And recount info you have forgotten. Free to all disabled students.

EXPANSIONS:

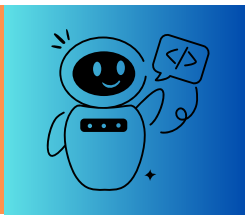
- Sounds great
- These glasses can link with other glasses to work together to compile even more info
- Very innovative, wow
- Great for memorization
- Word
- Privacy violation what if it sees people's faces
- Maybe do like a prosthetic ear
- Good, just don't let it identify people
- Communication with others as well

IDEA: AI software where you input your courses taken/past and it tells you all future paths including grad schools, courses, living cost, etc. for you to choose

EXPANSIONS:

- We need this
- Creates your own personal folder to acquire all this feedback to and create an easily understandable map for you to see
- Good, helps plan life
- Can plug in cost parameters for saving money
- Word
- Good because most applications don't do this

WORKSHOPS: WORKSHOP #8



PK Yonge High School Workshop – Jan 16

Attendees: 20 students

IDEA: AI Class Scheduling – AI that finds the most efficient ways to schedule classes so students don't have to ···you know, do virtual classes to make room for extra classes, settle for classes you don't want or need, or have inconsistent classes. As a bonus maybe it also includes a way to make you not have to walk across campus between classes.

IDEA: A beginner's guide to UF – An AI that helps beginners to plan classes, prepare for exams, find the location of classes, create a meal plan/something that fits both your diet and budget, and more!

EXPANSIONS:

- Sigma sauce
- What about transferring schools and what would it suggest
- Deals with logistics that you do not want to deal with
- Let's you know how much time you need for work
- Good idea
- Good
- Periodt
- Could that work in the class
- *illegible*

IDEA: AI route creator – AI that gives a route you ask for with accurate traffic locations and also tells you about possible car crash area (google maps but more accurate)

EXPANSIONS:

- Could be very useful
- Google maps
- Apple maps
- Google maps
- Google maps
- Google maps
- Google maps

- Google maps
- Google maps
- Why?

IDEA: Simulate and prepare medical students for real like medical emergencies. This will prepare medical students to be ready and keep calm under pressure. A giant dome or headset that will simulate what a person will need in a certain amount of time.

EXPANSIONS:

- AI patient···interesting. Could maybe be used in other fields.
- This would legit save lives!
- Really nice idea
- *illegible*
- Boom shakalocka
- Nice idea
- Smart
- Aura
- Sigma
- VR game
- Good
- Real
- Great
- Specific but good

IDEA: Big robot that will help you find a class if you are lost. And it will give you some pointers so you don't get lost again.

EXPANSIONS:

- Sick
- Nice!
- Cool
- Cool
- Good
- Futurey
- Sigma sauce
- Wow!
- How many robots?
- It is good
- This is so tuff
- Good idea
- Bazinga!
- Useful

IDEA: Construction robots

EXPANSIONS:

- Cool
- Real!
- Yes that is good
- Sure!
- Good idea
- It could teach you how to build stuff
- Definitely speed up the building process!
- Works 24/7 and gets things done quicker

IDEA: AI personal mirror assistant. Every mirror on campus has facial recognition that can give you fashion tips, hairstyle ideas, and even your own calendar and agenda that tells you where you need to be and what times! This mirror will be in UF owned dorms (fully customizable)

EXPANSIONS:

- It could show you different trends
- Very useful
- Cool idea
- Massive
- Nice
- It sounds like an interesting concept!
- Love!
- Me likes
- Sigma boi
- Mirror mirror on the wall
- Sigma boi

IDEA: AI drone assistant that welcomes you and flies you to your classes and giving you a tour of the campus, also giving you tips

EXPANSIONS:

- Awesome
- Nice
- Good!
- Awesome sauce
- Epic
- Cool
- Good
- Cool
- Good idea!
- It could also carry stuff for you
- Good
- How can a drone walk?
- It can have a map of the school incorporated into its designs

IDEA: An AI assistant that gives personal help to students. It gives notes and advice to students to improve. It is a device like a tablet.

EXPANSIONS:

- It should try to convince students not to procrastinate
- I would be great if it could alternate from easy to more difficult note taking
- Wow!
- This would be especially needed in a place like UF
- This is a good idea
- Good idea
- Very useful
- Need
- Real
- I need this
- Sigma?
- It would be good if it had visualizations for visual learners
- If it, like gave feedback on assignments like class companion but better
- We need this please
- Mm!

IDEA: AI that shows you where to go if you're lost

EXPANSIONS:

- Google maps
- Sigma sauce
- Sweet!
- Great idea!
- Yeah
- Good idea for new people
- Good
- Good idea
- Nice
- Cool
- Useful
- Good
- Good
- How will it tell you?
- I second this
- This is a good idea

IDEA: I would like to see rooms for students to study in with AI tutoring that you can talk to and get feedback from

EXPANSIONS:

- It can be a device

- Good idea
- Good
- Wow!
- Good and I think you should be able to add files so it can read over the files
- It could have feedback on essays and stuff as well
- You could even just make it a digital assistant
- It should be an app
- Sigma

IDEA: I would like a personal assistant that can help me remember my classes and can give me reminders of assignments I need to do and stuff. Maybe it can also help me take notes and study!

EXPANSIONS:

- Yes! I definitely need this!
- Great idea
- Use an alarm or calendar
- Good idea
- Yes
- It can go off due dates and difficulty
- Cool
- Canvas

IDEA: A small robot that uses AI to locate a class and lead you to it if you need assistance

EXPANSIONS:

- How would it learn where each class is?
- Sick
- Good but could be better
- Cool
- Boom shakalacka
- Good
- Should give him a face
- It is great
- Navigation!
- Good
- Wow!
- Good

IDEA: AI haircuts: can get your hair cut at much higher speeds for much cheaper. Especially low taper fades. It would be able to tell what the best haircut is for you.

EXPANSIONS:

- Go to barbershop on campus to get your AI haircut

- Massive idea
- It could have a scam(?) feature
- Creative!
- Cool
- Massive
- Absolute fire idea
- Amazing idea!
- Crazy! (good)

IDEA: Little robot helpers walking (or on wheels) around outdoors. They give directions to locations and process documents)

EXPANSIONS:

- Nice
- What if they were also transport for yourself?
- Nice
- It is creative
- Cool
- Good
- How many robots?
- So aesthetic

IDEA: AI class suggestion (input previous classes and the AI tells you some you might enjoy)

EXPANSIONS:

- Good
- Amazing
- Wow!
- OK
- Add a feature that lets it recommend careers based on classes you like
- Nice
- GPT
- This could really help people who are unsure what to pursue
- Good
- Cool
- *illegible*

IDEA: AI traffic lights – AI thinks about when to let people through

EXPANSIONS:

- Nice
- Good
- Great idea!

- And it can report people who run red lights to police
- This would save so much time!
- Good
- Actual good idea
- Cool
- Good

IDEA: A chat bot that says where classes are

EXPANSIONS:

- Literally me though
- Maybe it also takes you there
- Cool
- Cool
- Awe!
- Wow!
- Peak
- Good
- Sigma sauce
- Cool
- Great idea

IDEA: An AI that generates artwork by not sorting pixels. Rather it uses an actual drawing software with brushes and what not. Instead of copying images at the very least it could learn creative process. I don't know how AI learning works that much though. Maybe it could be used for research?

EXPANSIONS:

- Train an AI
- I could see this working really well. Also if this is used in pairing with *illegible* interface so it helps you draw. Autocorrect for drawing.
- Sigma sauce
- I think this is great and I think it would be great if you added many different art styles
- This is a great concept!
- Good
- Yes, so it doesn't steal from artists
- Nice
- Sigma good
- Could help art students
- Cool
- I think this is good for classes

IDEA: Health and fitness monitor – by taking photos from the front and back, you can choose where you want your goals to be, you choose the intensity of the fitness, it supplies different ways to get to where you want, it gives you advise about skin and muscles.

EXPANSIONS:

- Could be really useful
- I like
- Good
- Very good
- This could be really useful if you feel you don't have time to plan a workout
- Sigma sauce!
- This is a good fitness app idea
- Could help people that don't do much
- Good idea
- Good

IDEA: An app that accurately shows where classes are located. It also lets you input your schedule (the class room and time). It then tells you what floor, room, wing, etc. and how to get there. (3D visualization)

EXPANSIONS:

- Good idea
- Like a map app at a school
- Fire idea brotato chip
- Cool app and would be cool to see
- Sigma
- Sigma
- Cool idea!
- Map is good
- Good idea
- This as a map system would work great
- Good
- That would be helpful

IDEA: An AI that can translate languages perfectly and spawn food and supplies

EXPANSIONS:

- Language translation is useful, especially if at instant speed. Imagine headphones that tell you the translated version of what people say but block out their actual language.
- Good
- Cool idea
- Awesome sauce
- Good idea
- Big
- Cool
- If that's possible, I'll be flabbergasted
- How would you spawn food or supplies?
- I second this

IDEA: An app to translate languages between people or faces

EXPANSIONS:

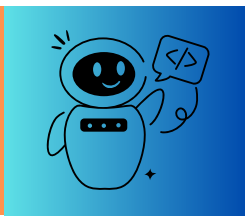
- Sure
- Buena! Buena idea!
- Yes but it needs to be smarter than google translate
- That would be helpful
- Maybe like a more advances version of google translate
- Good
- Good idea
- Art
- Google translate
- How would it know their language?

IDEA: A tool that helps you find people with similar interests

EXPANSIONS:

- Could also be used for targeted club recruiting
- Yeah! This would allow people to find others who are passionate about that subject!
- Social media should for real have this
- Good idea
- Very good
- Tinder
- Neat

WORKSHOPS: WORKSHOP #9



UF Workshop – Jan 24

Attendees: 11 (5 staff, 2 students, 1 faculty, 3 unknown)

IDEA: AI Professional Development week, no classes, days 1–2 self study, day 3 – department, days 4–5 AI days

EXPANSIONS:

- Prompt Engineering Clinic
- Review of the different types of AI models and what they are good for
- Review of AI limitations, training concerns, lying, etc.
- AI incentives – gift cards, pay, bonuses
- Demos

- Credit faculty CVs for promotions/tenure
- Workshops to understand systems/processes/industry technologies and knowledge that goes into AI
- Industry focused AI updates/vendor showcases
- Celebrate AI work across campus – competition and awards
- A representative from every college, unit, institute, extension, and center required to attend
- Extra credit for students who take AI training courses outside their regular curriculum
- Figure out ways to teach many faculty/staff to use ALL tools, not just AI

IDEA: Build an AI system that helps people monitor/automate an organizational mechanism for their lives (in every aspect)

EXPANSIONS:

- Email helper for to do items based on strategic priority
- Simplify time reporting (out on calendar syncs to MyUFL time sheet)
- Communication tool for reaching target university audience
- Have a feedback channel for the system
- Include a healthy activity monitor with suggestions
- Ability to create adaptive profiles or activity preferences that are influenced by real time changes
- Select areas (where to go) to accomplish
- Nutritional guide based on lifestyle constraints
- Weeds out unnecessary emails/summarizes an email chain
- Fitbit wearable monitoring devices
- Have tied in to cognitive function of person to ensure full coverage of automation

IDEA: Build a UF Digital Twin, install the Digital Twin with an avatar in every building for people's interactive access. Eg. Can ask about class info, dining info, events going on, etc.

EXPANSIONS:

- Use to capture interested students who can't visit campus
- How about including cost, allow ticket purchase if applicable
- Add bathroom info
- Add surrounding pathway closures/access
- Open hours
- Digital Twin can take an area of interest and return all campus area and activities
- Have internet link
- Access to emergency services
- Add info about building energy use
- Aware of hazards in the area

IDEA: Liquid Cool at Data Center

EXPANSIONS:

- With liquid cooling, we can install more powerful AI computers in UF Data Center

- Create an energy awareness campaign to address AI impacts on the environment and highlight mitigation efforts in our set-ups
- Recycle the heat energy captured
- Less energy demanding system
- Cool buildings
- Create partnerships with UF division to understand need to partner with schools to create educated workforce to maintain information systems
- Invest in hardware manufacturing with the most energy efficient techniques ever
- Communicate the benefits

IDEA: Personalized AI assistance for every student, faculty, staff

EXPANSIONS:

- Have the AI assistant grow and evolve with person over UF career/journey
- Have virtual tutors for classes
- Be able to select additional applications for outputs
- Allow it to follow the person beyond their journey at UF, handling all sorts of tasks for the person and their families
- Safe for restricted data
- Build an application so it can function without internet access
- Connects proper content at all times, nothing outdated
- Analysis for HIPPA concerns
- Build different networks/graphs of person's life (how what they've learned connects with everything they've learned eve)

IDEA: Competitions for students that are interdisciplinary, heavily incentivized, and have experts guiding students.

EXPANSIONS:

- Student AI hackathon events, teams made up from students with different majors
- AI assistant helping student in this endeavor
- Offer AI scholarship to students who excel in competitions
- Have AI tutors for students to catch up with the latest technology
- Incentivize faculty and staff to serve as experts
- Have a competition focused on improving UF life, not just the world
- Handicap the experts so that Average Joe can participate
- Focused on a key societal challenge
- Competition for all employee levels
- Connect with previous winners or SME's
- Incentivize interdisciplinary work by providing specific funding for it

IDEA: Triage dental patients, categorize, assign to student needs

EXPANSIONS:

- Tie in readily accessible solutions for common problems
- Create customized LLM

- Keep PHI data confidential, but build AI assistant to assist
- Build a dental portal to automatch patient with students
- Create patient application for scheduling to help with speedy cancellation reassignments and potential after hours matching
- Predict future teeth issues to help patients prevent problems
- Match patients with best personality to match needs
- Has a way to notify if system is secure/compliant

IDEA: Institutional effectiveness and assessment system to automatically pull and analyze and report data and outcomes for each degree program and department

EXPANSIONS:

- Categorize and list suggested uses
- Have a methodology that is very understandable for humans
- Create an AI assistant
- Take these reports per student to keep positive moral up in ALL degree programs. Effectively be able to guide students to their life's work degree program
- Utilizing LLM to train LLM on different disciplines, develop AI tool to do automatic assessment
- Synce with Canvas SLOs and artifacts
- Create student-facing ePortfolio components
- Be sure to include non-traditional students like retirees who need completely different metrics for success
- Be able to have AI create output in applications that can be used for presentations

IDEA: AI search bot internal to UF

EXPANSIONS:

- So much content exists, but this would help sort by best choices and ignore outdated information
- Channel to appropriate unit
- Have resources that help in case of a cold-start, help people know where to look for what
- NaviGator
- Customize per college/department/institute
- NaviGator AI assistant, already in development
- Go beyond LLM so it can do calculations accurately and other tasks
- Build in a schedule suggester
- Be able to connect to research for collaboration purposes (whether presentation or authorship)

IDEA: Cancer cure

EXPANSIONS:

- Collect/compound data
- Use info to help prevent cancer and its recurrences
- Scan people for presence
- Why stop at cancer? Complete disease cure
- Create a Digital Twin for simulating potential treatments
- AI for population control since disease/cancer eradicated

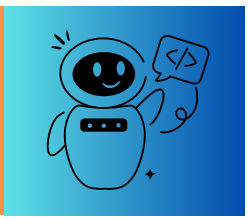
- Build AI foundational model on cancer detection and treatment
- New personalized medicine program with insurance reform focus
- Preventative focus

IDEA: All AI powered on campus should be powered by renewable resources

EXPANSIONS:

- Install more solar panels on roofs
- Determine best materials for panels in-house
- Help users understand how much power they need and don't need to use to reduce unnecessary usage and cost
- Rotate brownouts
- Find compact/efficient/practical ways to utilize wind power
- Wind and solar powered
- Use AI to find newer/better/never explored renewable resources
- Use AI to track the effectiveness of the renewable resources and know to use money saved to reappropriate to another needed budget line for the university
- Build UF power usage model, and strategically install solar panel
- Improve battery design for power storage

WORKSHOPS: WORKSHOP #10



UF Workshop – Jan 28

Attendees: 13 total (types unknown)

IDEA: AI University – create short units (1-2 weeks) of AI lessons that can be worked into courses (prompt writing, machine learning, etc.)

EXPANSIONS:

- Premade modules that can be plugged into canvas
- AI can evaluate course and make customizations based on course topic
- Includes video/audio, practice questions that are canvas gradebook compatible.
- Aligns with objectives and presents them in a table with a scope/sequence
- Pull from across campus, including staff, to create
- Also helpful for these lessons for faculty as well, as technology advances – learn latest and greatest
- Expand canvas AI modules to also automate course engagement analysis
- Use format of use/learn as go, with no penalty for wrong answer, can re-do
- Step program – one try at a time with acceleration of knowledge
- And funds to constantly update
- Develop AI courses for the USA. Lead the nation on education much like sesame street

- AI can help to revise/suggest content
- Also used as part of the onboarding process for faculty/staff
- Agreed. With having AI integrated with Canvas
- Use AI in helping the interactions between instructors and students in class

IDEA: AI meeting minutes – in person/zoom/both. Something with voice-recognition for individuals and produces a detailed record with no edits needed.

EXPANSIONS:

- Formats it according to department protocol and automatically sends a copy to all and autosaves in the appropriate file
- That does not delete after a certain number of months
- Easy to locate – auto saves to Teams or somewhere specific
- A UF on-site store of historical lectures (so zoom can't delete them and they can later be processed and summarized as technology matures)
- Picks up individuals zoning out or working on something different positive refocus them
- Same initial format generation, then can change/expand based on need for less/more info in minutes
- That then connects/links to class materials
- Provides potential solutions for any problems or questions posed
- Can also predict an agenda based on these minutes for next meeting
- Consider using otter or seeing what otter can do
- AI generated avatar in zoom meetings based on how you look that day
- Can also update more clearly on the expectations of the meeting to new joinees

IDEA: Service agents that understand and are grounded in the university knowledge on the subject area (HR, fiscal, grant, travel)

EXPANSIONS:

- Extension agent (in the subject area)
- Needs vast central aggregation
- Works for new student too
- AI central should include many control mechanisms for data/facts to avoid wrong info/data for dissemination
- Required UF info *illegible* – updated each year as AI expands
- And then we sell access to our data to other institutions to bank roll future AI efforts
- Would help all
- Ditto to HR agent (complicated hires)
- Combine agent into a UF digital twin
- AI can be used to integrate and keep up with changes across subject-specific areas
- Useful for incoming student/staff to learn more about UF campus
- Yes, a training that new to UF staff can take to get a grasp on UF/how it functions/laws/etc...simpler than reading rules

IDEA: AI in classroom – a tool for students to take notes and get access to more information (video, photos) easier (better than projector and slides)

EXPANSIONS:

- A live AI study companion – love it
- Practice question auto-generation
- Somehow have AI make it personalized to faculty who is teaching to that specific course
- Research tools across world and collaborate with vendors to get best equipment/data, experience. We're only as good as our tools.
- Add to this a mechanism for instructors to provide recommendations for updated new platforms, as no class, let alone a single program won't need some tools
- Honestly, as a student our lives would get much much better
- With study tips or additional support materials
- Allow students to create supplementary content of course materials that is specific to their interests
- Consider using otter to get this going
- Identify potential weakness the student has on the topic/area covered – suggest study plan

IDEA: More late grad and undergrad mixing (like total overhaul)

EXPANSIONS:

- Use AI to help create this program/how to do this
- Use AI to collect as much data as possible on students, including self-reporting and ability for self-correction
- Use data not to divide but to create sense of belonging and shared giving/receiving
- This could lead to more customized learning paths and integrate with personalized assessment models
- Digital Twin of student where student can ask "what are my gaps?"
- Offers them a solution of "have you tried this" taking in new information from student and connecting them with paths/opportunities around campus
- Based on undergrad's information, match them with grad students as a mentorship program
- Good approach would be to let them have sessions with one another and workshops
- Teach how to work the room
- Suggestions for students based on their interactions, interest, etc. – for joining groups/clubs...additional ideas

IDEA: Invest in people (which includes staff, faculty, and students) across campus so that AI is integrated across UF

EXPANSIONS:

- Start with needs assessments and then strengths, ways to collect and share through AI
- Set simple, clear expectations related to policies, procedures, expectations for contributions and usage
- Key is the people
- We already need to increase AI literacy initiatives for staff, so this could support that
- Everyone's life would get much easier
- Develop and find the hook
- Hold courses for members of UF to expand awareness of AI and capabilities
- Yes, use case studies to discuss how AI has worked with different "types of people" faculty, staff, etc.

- Provide possible latest training program for staff in myufl “required”
- Provide a network of support to those that show interest despite background discipline or technical expertise
- Funding
- Access for all (faculty, staff, and students would be amazing)

IDEA: Personalized career advisor for students

EXPANSIONS:

- Brainstorm and ideas feasibility
- Personalized advisor needs access to student outcomes – rich historical data
- This could align with AI workplace readiness skill sets, updated as industry of AI use evolves
- Stays with the student through their time at UF and helps navigate path as interest shifts as well
- Integrate with industry – LinkedIn CareerCoach
- Content creation for the faculty member based on the course and current forecasted needs of students
- Career development/advancement for staff
- AI can also assess gaps in skills/experiences of students and make suggestions
- Can track and suggest internship opportunities
- Personalized suggestions in adjusting CV/cover letter/resume. And correct grammar mistakes in job application materials.
- Waitlist improvement
- Collect data on knowledge, skills, abilities, interests, experience…on advisors and students. Give students options of advisors and let pick (similar to dating app)

IDEA: New professional development tracking program for our unit (replacement for the current Passport Portal)

EXPANSIONS:

- This could align with workplace readiness AI skill sets add to industry and curriculum development models, allowing for up-to-date curricula revision
- Would certainly enhance individual to attain personal goals
- Maybe could also suggest professional development courses to take based on previously completed courses
- Digital Twin for staff and faculty to predict needs/wants
- Possibly a way to host these courses so that faculty can meet each other across campus colleges/departments
- More flexibility in choosing training programs (students and faculty)
- Start with uniform training for all staff with build-outs by position type, department, skills, tasks…
- AI to project future workforce needs

IDEA: A comprehensive UF AI agent for all members of the UF community

EXPANSIONS:

- UF Navigator AI helped achieve that to an extent
- UF AI bots help new students find the classroom or other facilities on campus

- One that is dedicated to support administrative assistants
- Important to include faculty, staff, and students in AI
- Integration to complete administrative duties for staff
- Can be aware of all student events/activities on campus and can alert students who would probably be interested in these opportunities
- Can interact with other agents on members' behalf to coordinate tasks/events
- Capability to personalize that navigator based on individual "needs" – a little or a lot
- Use methodical, well thought-out data inputs as building, which will lead to more people trusting and relying on it. One bad experience will create unnecessary setbacks related to usage.

IDEA: Help students more quickly and efficiently ID areas of weakness for resolution, overcoming, improving, so they can accomplish more and faster, then help others (ex. ID learning disability, fear, skill underutilized, idea needing expansion...)

EXPANSIONS:

- Provide more rich content (photos, video, text) for students to learn in a short time
- Digital Twin of students course work. An AI that listens to all lectures, views all practice problems and can answer "what are my gaps"
- Providing that kind of training to the staff and availability of required resources
- Makes that content easily importable into Canvas
- Student trainers, mentors – leading to a CV line
- Provide specialized suggestions based on student's needs
- Provide funding
- Notify faculty/staff when a potential weakness is recognized/provide suggestions to help student
- Providing real time solutions and resources make it easy for them to connect
- Evolve this into a more robust customized assessment approach to develop individual learning paths (up to credentialing assessments)

IDEA: AI that can coy and reproduce an online Canvas course with all the external tools, learner groups, due dates and announcements, etc that accurately captures all the manual changes that are currently needed at the start of a new semester

EXPANSIONS:

- Time saver, shift focus to creating content
- AI can predict/suggest to add other topics
- AI that analyzes course for gaps of knowledge
- AI watching how well the course is run and fills gaps (reminders, etc)
- Help students manage their schedule and update new announcement of the class (like class is cancelled) so students will not miss the update
- Better suggest updates/broken links/out of date content/etc for the faculty teaching the course
- Maybe a data dump from students for instructor to determine how to summarize to change/add for next semester
- Integrate gatoreval feedback into Canvas generation/AI help tools
- Use this to create automated AI taught asynchronous classes to lower costs on instructor need (and return IP)

- Yes, may even suggest new published articles in the subject area. A recent new edition of a book that was used.
- Agreed! Suggest courses that might help a student to understand a career path

IDEA: Using weather and past disaster event data to better prepare local farmers and producers for extreme weather events (climate data, economic loss data, food security, social science – how do agricultural communities bounce back, bringing together these folks to develop recommendations for agricultural communities)

EXPANSIONS:

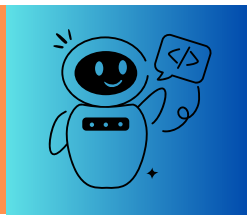
- Could also be used to help afford their closures
- Save lives – yeah for people in general, predict earthquakes, tornadoes, etc. Quicker to allow for more preparation
- Communicates with smart homes to adjust temperature, close windows, put up flood rails, turn on sprinklers, etc.
- Help local farmers to sell their produce to an appropriate community at a reasonable price
- AI to forecast 10, 20, 50 years out
- Collect data in pieces that can be sorted by anything and everything – crop, soil, geographic area, planting time, harvest, pesticides…
- And then sell the data to businesses to fund initiatives like this
- Help to get more clarity on the affected locations

IDEA: A way to match grants to professors and automatically start to apply based on the data it has from the professors' documents (knowledge) and UF knowledge

EXPANSIONS:

- Could also be used to match scholarships to students
- Also used for staff to further develop the unit
- All grants, both internal and external
- Also for identifying awards
- Match students with programs/projects/conference/workshops they may be interested in
- Match scholarships to student
- Could also suggest grants to apply to
- With conference opportunities
- Use NCP to enhance all grant submission prior to submission
- Reinforcement learn on success
- Also collect data from similar grants/projects from all over world to help better match, and also provide additional resources for the grant
- Also provide potential partners across campus or other universities

WORKSHOPS: WORKSHOP #11



UF Workshop – Canvas Online, Jan 20–26

Attendees: Group 1) 14 students, Group 2) 9 students

Group 1

IDEA: A post-graduate AI center for skills necessary in an AI ecosystem

AI requires significant changes to the way our processes and systems work, particularly in the workplace. UF should have a center for retraining those already in the workplace with the skills necessary to integrate AI. Think not about how AI works – but what skills are necessary in an AI ecosystem (i.e., editing rather than writing because generative AI often can create essays but not without flaws that need to be edited out). This will allow major corporations to send their employees to UF for retraining.

EXPANSIONS:

- Amazing idea to include existing employees to the AI ecosystem and facilitate their work vs struggling to find ways to make it work for you.
- Great idea to include existing UF employees in addition to other companies viewing UF as a place to train their workforce in new skills. The AI ecosystem is so dynamic that traditional degrees and certificates, or even traditional college-age students, don't make sense with regard to the skills needed. UF could incorporate the training in AI skills into the annual recertification requirements.
- I like the idea of connecting to those who are in the workforce currently. There may also be a way for postgraduates to inform UF about current workplace needs and practices.
- I like this idea because it is thinking about how UF can better the current workforce as AI-driven systems become more commonplace and workers must develop new skills to continue to be part of the workforce. Everyone keeps saying the AI revolution on the workforce is coming...this is the start of an idea about we use AI-driven systems to teach workers how to adapt to an AI-driven workplace
- Partnering with industry could be revenue-generating for UF as employees need to upskill, reskill, and potentially outskill. This is a wonderful idea in what has been estimated to potentially become a multi-billion dollar annual ecosystem in higher education.

IDEA: AI Study Companion for Students

The university should work with instructors from various disciplines to create an AI study companion for students. The AI study companion can be similar to commercially available AI assistants such as Amazon's Alexa or Apple's Siri, but be geared toward instructional help. The companion can be pre-prompt filtered so as not to do or give answers on graded assigned work. It can be customized by both students and instructors. It can be powered by a foundational LLM model, but perhaps use

something like retrieval augmented generation to be course specific, with the source course materials being provided by the instructor.

EXPANSIONS:

- The AI study companion could not only assist students, but help identify struggling students. An unique tool like this would attract students to UF.
- This would help with students who currently don't feel like they have access to the same resources as other students who are already accessing AI systems on their own to study, summarize text, or complete assignments. It would help clarify what level of AI input is acceptable rather than cheating, and it could be customized to improve comprehension in a way that suits that student's learning style.
- The study companion could also help the students to develop life-long skills so that once some of these foundational skills were learned, the AI system could slowly back away. This would allow the student to proceed independently after getting past the struggling points.
- I think this idea coupled with some of the other ideas about training in how to interact with AI systems could be powerful. It could a gateway for students to eventually have more complex interactions and uses for AI systems.
- The study companion could also be used as a guiding tool for students when deciding their courses and majors. It could be like a supplemental tool to an academic advisor.

IDEA: AI-driven personal assistant that is both individualized and adaptive

As an assistant professor, a lot of my day is consumed with addressing relatively minor issues that require moving between multiple parts of the university digital system (email, my.ufl, UFirst, InvestiGator, Adobe, ArcGIS, Dropbox, OneDrive, Doodle, EDIS, Teams, local unit network drives, etc.). This time could otherwise be spent thinking about research, extension, or mentoring students. I envision an AI-driven personal assistant that you interact with using your voice and that would automate many minor tasks with a few quick sentences. The base AI model would be formulated for different university roles (perhaps subdivided by college), such as faculty, administration staff, financial staff, research staff, graduate student, undergraduate student, etc. but would learn from repeated interactions with individuals and from access to that person's university accounts. Over time, it would learn to become more individualized and thus better at understanding needs and more efficient in completing tasks.

EXPANSIONS:

- Agreed. Just logging in and out of different systems every day probably takes 30 minutes of time. Taking over simple tasks opens your day for deeper engagement.
- Right now we have so many separate systems and time is lost connecting those pieces of information manually. An AI assistant would definitely be helpful to automate or at least simplify making these connections between programs, suggesting compatible times for meetings within our preferred hours, managing tasks between multiple projects, and freeing us up for the human connections and making our decisions based on the AI summaries and prompts it provides.
- I like the idea of having a more uniform system rather than logging in all of the time. It would also be helpful it the focus can be shifted when looking at information. For example, it would be really

helpful for me to see information about one student more clearly, rather than looking at everything by assignment. For example, instead of just seeing a students grades, I could also see time in the Canvas course, attendance, questions asked on a discussion board, the students current career goals, etc. For outside the course elements, the students of course could decide how much or how little they wanted to release.

- I like this idea! Looking at it from a staff/administrative lens, systems like Concur could also be automized and it could assist with the complex nature of the system.
- Yes, please! I definitely want this. I think many personnel and students would opt-in. The more people who would opt in, the better the system would potentially become.

IDEA: The vision is to create a truly personalized and seamless higher education experience through an AI-powered ecosystem. This system will seamlessly integrate all university administrative systems, from admissions to alumni relations, to create a single source of truth for student data. This integration will enable personalized interactions, such as automated welcome texts and tailored event recommendations based on individual student interests and needs. Proactive support will be delivered through AI-powered chatbots and personalized interventions, such as wellness check-ins and academic alerts. The system will optimize operational efficiency, streamline administrative processes, and provide valuable insights for data-driven decision-making by analyzing student data. Ultimately, this AI-powered ecosystem will foster lifelong engagement with the university by cultivating meaningful alumni relationships and facilitating smooth student transitions throughout their academic journey and beyond.

EXPANSIONS:

- This would be so helpful for getting information about campus events to the people who might be interested but aren't on the right listserv or aren't in the places on campus where flyers/screen are posted to share the news.
- I like that this is student-centered. Currently, a staff member, instructor, or administrator enters a technology and then looks for a student. If this dynamic could be turned around so that we search for the student first, we can then see appropriate steps, such as wellness checks.
- This would extremely helpful when sending out emergency notices. I got at least three emails from different listservs regarding Enzo. I also think the one stop for lifelong engagement is an excellent idea.
- I like the idea of having AI systems that are personalized and adaptive to individual needs. I think the idea fostering a lifelong relationship with the university is also interesting.
- This could be combined with the study companion for students to create data on where students are struggling the most in certain courses.
- This is a wonderful idea. In addition, this could be revenue-generating by offering a freemium tiered service to alumni where the free version gives basic continued access to the service and paid subscription versions give full access at the top, helping overall with alumni engagement.

IDEA: Focus on the process of learning but across Courses

A platform that would connect learning across courses so that connections could be made to the material in each course and future careers. Learning Objectives would be

specified by the instructors of the classes, but some learning objectives would be made across courses to develop thinking about careers. The AI platform would help generate project ideas that connect learning objectives across courses. These connected learning objectives would then be a part of the end-of-the-semester project rather than exams where the learning process would be an integral part of these final projects.

EXPANSIONS:

- The idea of developing an end of semester project that reflects the learning process really stands out as a great idea.
- AI could help students to understand the level progression of the courses within their declared major and plan their schedules in a way that they can manage their study time better. The AI could also suggest for the inclusion of courses in a seemingly-unrelated minor (medical + arts, for example) which would be beneficial for the other skills needed in their career. End-term projects that connect students from multiple courses would provide experience doing real-world work, and the AI could facilitate the connections and match partners with compatible skills needed to get the work done in a timely manner, without penalty to the other components if one person doesn't meet all their objectives. That student might get a poor grade from the course perspective, but the AI could fill in the gaps on the project so the student at the next level or in a related course would still have access to all the features they need to get their part of the project done.
- I like this idea too. I think such a system when not only benefit students by finding links between courses but would also open the eyes of teaching faculty about the interconnectedness of many courses and majors. Ultimately provided a more holistic approach to education and learning
- This is great! It'll help further the AI Across the Curriculum goal
- I love this idea. This moves beyond fragmented knowledge and would serve to integrate what students have learned in ways that could support the broader evaluation and assessment of academic programs.

IDEA: A smart email agent to automate aspects of project/task management (the data for your agent would likely be restricted to your own inbox/OneDrive) rather than the manual processing of those tasks into a separate software app(s) or manual folders/lists. The agent could open a panel of prompts containing your planned and its own suggested next steps and give a visual overview of that current project/task's status (which could then be shared with the relevant collaborators). The agent could recognize a project and team from those addressed in other messages with the same people and topics, saving time lost on manual reviews of grouped emails/folders and the tedious micromanagement of those duties. Some examples of prompts based on an email's text: (1) schedule a meeting (suggesting a selectable list of potential collaborators in addition to those on the current thread -and- suggest times when all those addressed could be available), (2) email your specific admin/fiscal/HR/IT to complete the request (offering the contact address required for your department), and (3) follow-up or move on to the next step in a timeline (recognizing future dates within a received message and prompt you in time to meet a deadline). Many of these things currently require multiple steps that an AI agent could automatically process and provide in a single panel for the user to select.

EXPANSIONS:

- Automating project management tasks would save tremendous amounts of time and ensure all tasks are addressed.
- Automated project management would also help faculty with projects who tend to get buried during the beginning and end of semester workload increases. These agents would help to make sure that projects continued to move forward.
- I like this idea, it seems to have some overlap with my idea about an AI-driven personal assistant. I am all about trying to automate tasks
- This is great! Would save so much time and really streamline task assignment.
- I want this, too! Navigating multiple group email threads can be time consuming and inefficient, especially over longer-term projects. This would help improve the user experience overall, supporting increases in productivity.

IDEA: I envision a truly interactive data interface that allows for real time deep dives into your data to answer your most pressing questions. The AI should be able to converse with you in natural language and respond to your requests to either broaden or lessen the scope of the data – even change it completely. Finally, it needs to remember previous conversations about the data– meaning I want to be able to say "Do you remember that dataset we looked at 2 weeks ago regarding clinic visits? Please bring it back up so we can refine it." or "We looked at flu shot metrics one year ago and implemented a change. What do those metrics look like now?".

EXPANSIONS:

- A system that would help individuals visualize current and past data in new ways could improve decision-making.
- I would be happy if it could recall information within same conversation! But seriously, it would be helpful quickly repeat a past study with new data, or reanalyze past data to include a factor which was not initially considered in that study. If the AI had a long-term memory or could quickly review those prior conversations and data, then it could perform automated tasks with a simple prompt and save our time spent rereading the code, notes, and reconstructing the study just to examine the new data.
- I like this idea. It is like AI translates user requests requiring data analysis into programming code (like R), runs that code, and provides user-friendly output. This would reduce the programming burden on researchers or practioners.
- I like the idea of being able to reference back to previously discussed topics – I think that's a feature that a lot of AI today is missing.
- This is a great idea. I've heard researchers express similar needs for such a system. If one can develop a clean interface that is at the same time transdisciplinary, such a system could become a branded product that UF could license on a subscription basis to individual researchers or institutions.

Group 2

IDEA: Utilize AI to integrate all of the fiscal and business aspects that research and extension faculty utilize at UF into one place so that it is easier for faculty to make

purchases, track funding, promote services or products and have those things talk to each other so we minimize duplicity across systems.

IDEA: At UF all faculty, staff, and students would be connected to a robust AI assistant accessible at all times (anytime, anywhere) to facilitate 1)for faculty – top quality research development, curriculum & course development, and student mentoring; 2) for staff – the effective, efficient, and high quality completion of tasks –required by one's respective role; 3) for students; support for completing all degree requirements that exceed expectations on student's preferred timeline.

EXPANSIONS:

- I like the idea of creating AI assistants for specific faculty roles, staff, students. I work in Extension and often our needs are different that teaching and research faculty. Right now I feel like I am so many calendars and Teams it would be great if all that could be connected or integrated by AI.

IDEA: The UF Transform–AI–tion Project

(Fully Integrating AI into the University of Florida Learning Ecosystem, for All Gators)

As humans, we are involved in, from our earliest days until we pass from earth, a consistent lifelong journey of seeking, discovering, learning, growing, and transforming. Educational opportunity at the University of Florida will be uniquely designed to amplify undiscovered student, staff, and faculty potential, for the benefit of individuals, communities, nations, the world, and beyond. Generative AI will provide personalized learning – based on the individually endowed characteristics of each Gator. No longer a one size fits all educational solution. Instead, a living, learning support system, designed to assist with navigating both the mundane and complex issues of our time as well as the pursuit of expansive understanding of historical knowledge and that which we could unlock in the days ahead.

EXPANSIONS:

- Great idea! The role of AI in personalized learning cannot be overemphasized. Adaptive learning instead of traditional learning, targeted interventions tailored to each person's needs, predictive analytics and crafting educational content personalized for each student are hallmarks of personalized learning, which AI can deliver.
- I agree Jon ––how about connecting each faculty, staff and student to an AI assistant or buddy (accessible anytime anywhere through a simple non–intrusive wearable that can be prompted by verbal commands with responses/outputs returned through the wearable as a voice or visual (hologram or video) projection visible to one or all. Conversations with the AI could be short, lengthy, deep, frequent, infrequent as needed by the "human"
- I appreciate the recommendation for generative learning that can customizes the learning experience for students.
- I like the name and the idea of promoting personalized learning, especially in the context of keeping/maintaining connections to community, place, and other people.
- I like the idea of using AI for personalized learning since everyone learns differently.

IDEA: If there is only one thing, I'd like UF to become a driver of research/thought around AI ethics because the companies developing many of these systems certainly do not have that as a primary interest. The large models we're calling AI are often created using harmful practices with respect to both human workers and the environment, and there is a lack of attention to harms from the results as well. As a public university, we should be doing things like this that ultimately will serve the public, with a focus on empowerment rather than mere profit.

EXPANSIONS:

- Indeed, ethical consideration of usage of AI has been a hot topic and it is extremely important that we use AI responsibly, ensuring that AI is fair and unbiased, holding AI and its developers/users accountable when AI is not used responsibly, and taking into consideration the privacy and security.
- Hi Eric – I agree there is a need to attend to AI– ethics how about consulting/working with the LLMs to help identify ethical breeches and design solutions to combat ethical harms that may arise.
- Agreed. We should set the standard for ethical AI development and implementation. Ethical AI engagement should be an area that students faculty and staff are familiar with.
- Agree. Establishing ethics procedures and protocols and ensuring they are implemented and supported is integral to a successful AI program.
- Yes, AI ethics is important and needs to be considered.

IDEA: UF ADVANCE should reflect the institution's origins while amplifying our land–grant mission as we become a leading AI institution by automating tasks (for faculty, staff, and students), analyzing data, and enhancing human abilities. We should use creative applications to maximize student learning about themselves, their academic interests, and the world around them. The knowledge we gain from improving the teaching/learning experience should be shared through extension and professional presentation. Data analysis and pattern recognition should be used to maximize staff efficiency and encourage research endeavors to create new knowledge to help society successfully engage with AI.

- **Accessible education for all that fosters expanded public education.**
- **Driving innovation through groundbreaking research and discovery.**
- **Visionary leadership that shapes the future of AI adoption.**
- **Advancing knowledge to address global challenges.**
- **Nurturing communities through outreach and engagement.**
- **Creating opportunities for lifelong learning and growth.**
- **Empowering students to become change–makers in the world.**

EXPANSIONS:

- Agree. AI can certainly help with these broad ideas of expanded education, research and discovery, addressing global challenges, outreach, and lifelong learning.
- Very nicely written message Nadine and I agree with your position. I am wondering iwhat AI tools (e.g., data mining, LLMs, machine learning) and strategies you may have used to date and how you can imagine these might be specifically fine– tuned to achieve the wonderful goals you propose.

- This! I was trying to say something similar but mine was more limited and you said it much better. I had this idea of using AI to create "dashboards" for all of our different target audiences we serve at UF so that it is easy to get real-time information on what is going on with all of the things we are doing. Having a better system for communicating what we are doing with one another could lead to more impactful collaborations and minimize re-creating the wheel or duplication of efforts.
- Yes, this seems like a great overarching mission for AI at UF.

IDEA: If we could harness AI to further enhance collaboration among colleges and units across the university it could unlock tremendous potential for innovation and growth. By uniting the efforts of every aspect of campus—such as the career connections center, internships, graduate students, and advancement—and partnering with external organizations and corporations, we can cultivate a truly dynamic and thriving environment that benefits everyone involved. This unified approach could significantly elevate our university's impact, driving us to achieve remarkable new heights together.

EXPANSIONS:

- Great idea. Multidisciplinary collaborations across campuses is a great way AI can help to enhance productivity, improved decision-making and continuous learning.
- Great point. Our use of AI should encourage collaboration across colleges and departments. Connecting these efforts to student employability practices will establish a pipeline for expanded AI use in industry.
- Yes indeed if we could enlist AI in some way to connect us and all these entities directly, efficiently, while honoring our privacy – seems it would facilitate the timelines to our goals, enhance our relationships, etc. Social media (powered in part by AI) is connecting us with some of our colleagues inside UF and outside (e.g., X, Linked-in, Instagram etc) --I wonder how we might build on the good aspects of these tools to be more targeted to meet campus/university goals. Certainly with the ongoing advancement of AI, connections to all others will be enhanced. Seems it might be helpful to think about ways to build on what we have – 1) eliminate the inefficiencies and negative aspects and 2) add features advance the positive capabilites to achieve our university goals.

IDEA: I have two roles at UF (staff and student) so I'm going to briefly list two ideas, one each. As a student, I think it would be really helpful to have a sort of interactive AI office hours if I can't make them or have to do review at odd times of day. Drop in, ask questions, etc. and just have a place to get help that's really tailored to UF's course content. As staff, what I would want to see is sort of similar, step by step interactive help for how/why to actually do things in the various fiscal, HR, research, etc. systems. UF is decent at how-to guides but less good at guides on fringe cases, or explaining why you would to do something a certain way, why you might skip over a particular box, or what might blow up in your face in 6 months if you aren't careful about things.

EXPANSIONS:

- Excellent thought. Check-in anytime and learn anytime.
- Great idea for students. Flexible learning is of critical importance. It could be beneficial for students to have on-demand access to office hour support.

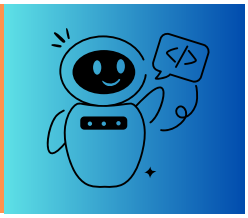
- I definitely agree with the suggested staff resource.
- I believe we might even have the AI capability now to address the problems you note as staff /student. This of course would require adoption and adaptation to our UF community. Your great post makes me think that having sub-groups within the faculty, staff, and students brain-storm all (many) the specific ways that AI could help us would be an important early step. This information could be used to thoughtfully design an BOLD AI infrastructure/capability that builds on existing (and expected AI capabilities) to ensure it achieves the UF goals.
- Great perspective using AI in these two areas as a tool to help students and staff.

IDEA: I would like to see AI built-in to the electronic medical record system of UF (which is EPIC) and generate/analyze patient clinical data from the initial nurse triage phase itself to create a real-time list of differential diagnosis and evidence-based treatment options which will be used by the clinician for effective patient care (after review by clinician for accuracy). AI is also expected to create clinical notes and discharge summary. This will speed up patient care as the clinicians will be able to see more patients in short time which will enhance patient satisfaction and also will generate more revenue for the health system.

EXPANSIONS:

- Such a great idea! I would appreciate being a patient in this environment.
  Once fine tuned it may lead to more accurate diagnoses and treatment plans. Now that I see this suggestion. I want to see it implemented.
- This is a GREAT IDEA...and the major emphasis of my team in the College of Nursing! Healthcare has been suffering tremendously as the EHRs have increased healthcare costs, complexity, errors, time spent entering data (etc) without delivering the desired value. Further the current integrations of AI into EHR systems-though looking glitzy- are on a path that is increasing the overall complexity, costs, errors. This is in part because the industry has been using a band-aid approach to fix isolated problems that when fixed without attention to impact on all parts of the system subtly (but surely) decrease rather than increase EHR effectiveness. I'm with you and would be thrilled to see that our UF BIG AI VISION includes UF having played a major role in revolutionizing health care care through its leadership and efforts that ensured AI was utilized effectively to transform EHR systems into tools that indisputably produce a quality of health care "never seen before".
- Using AI in patient care like this could by revolutionary and transformational.

COMMENTS FROM INDUSTRY MEETINGS



Key comments from the industry meetings:

- Most were very complementary of the ideas we presented and were supportive of UF's effort. Many indicated UF was ahead of other institutions in this space.
- Highlighted importance of personalized learning for students. Several of the industry reps noted this was something they also were working on.
- AI literacy standards, legislation and governance for the future. Be prepared for what may be coming.
- Governance of systems, supercomputer – how to manage resources longterm.
- Protecting systems – hacking, cyber security of UF systems, etc.
- Data – managing, sharing, using, storing data.
- AI for instructional design, several vendors in this area of development with tools ready to deploy.
- Creating rubrics for course learning and assignment grading. This has potential for accreditation requirements.