

UF Information Technology Committee Meeting Minutes – 3-28-2022 @ 9:30 a.m. via

Zoom: <https://ufl.zoom.us/my/cacim/>

Present: Raymond Issa, Erik Deumens, Charles Widmer, Juan Nino, Bill Hamilton, Megan Leroy, Laurie Bialosky, Ryan Yang, Mark McCallister, Kevin MacPherson, Randell Doty, Stacey Ewing, Rafael Munoz-Carpena, Amber Emanuel, Michael Bumbach, Phillip J. Brucat, Nico Cellinese, and Alex Fox-Alvarez.

1. The meeting was called to order at 9:30 a.m. by Raymond Issa, UF Information Technology Committee Chair.
2. Approval of minutes. No amendments. Motion approved unanimously.
3. Presentation by Erik Deumens – UF AI Initiative and HiPerGator

HiPerGator (for access to the slides of this presentation: [HiPerGator 3.0 slides](#))

- 50 faculty hired last year. Another 50 to be hired this year.
- Presentations given at least once a week by to UF Deans and Chairs.
- Deans, Chairs and others need to know that presentations are available. Zoom meeting are half hour. Covers IT resources, experimental needs, etc. Tour takes about 40 minutes at East Campus of AI facilities.

HiPerGator 1.0 2013-2021

HiPerGator 2.0 2015

HiPerGator 3.0 2019-2021 – had funds from use of HiPerGator 1 and 2 to upgrade to HiPerGator 3.0

- Subsidized for research purposes
- Latest architecture – total core count >70K cores

Nvidia support (\$50M) due to the support of a UF alumnus

- Supercomputer – January 1, 2021
- Very powerful machine
- GatorTron- demonstrates the power of the machine
- All Epic records used to train a deep-learning model ran for seven days
 - An artificial intelligence transformer natural language processing model intended to accelerate research and medical decision-making by extracting insights from massive volumes of clinical data with unprecedented speed and clarity
- Used for teaching and research
- Virtual section of machine is used for each project
- Virtual cluster allocated at a fixed cost
- New AI faculty – get 5 years of access for free

Workflow was suggested to identify access to resources for Artificial Intelligence computing

- For example, how to set up computations, etc.
- Users were encouraged to speak to Erik Deumens and the AI team

- Deans, Dept. chairs are encouraged to have a presentation on HyPerGator, NVidia supercomputer
- Video overview of AI capabilities- in the works, but not quite ready

3. Mark McCallister – Administrative Liaison Report

- Cybersecurity Issues – Continuing to monitor and make adjustments to issues raised last month
- Scripts Florida integration into UF – Scripts officially will join next week, 450 people
- E-Learning webpage – New button for logon to Continuing Education – allows non-Gatorlink users to access Canvas for professional education
- New design for UFL webpage will be released in early April, 2022

Access to web template for updating all UF sites-not available-Tier 1 is proprietary, so not available to anyone

- Tier 2 and 3 will be for top level subdomains, colleges, etc. – will have some templates available for use by UF personnel to update websites with some restrictions. Tier 3 will be more open.

4. Other Business – none

5. Meeting was adjourned at 10:13 a.m.