Research Computing Advisory Committee
Minutes Oct 21, 2019 (taken by Erik Deumens)

Present: Paul Avery, Peter Barnes, Nikolay Bliznyuk, Ryan Davisson, Erik Deumens, Bill Hogan, Lauren McIntyre, Ann Progulsky-Fox, Melissa Rethlefsen, Alberto Riva, Erik Schmidt, Plato Smith, Laurie Taylor, Bruce Vogel, Chris Vulpe
Guests: Anne Allen, Avi Baumstein

Guest presentation
Anne Allen presented an overview of the updated process for creating and reviewing and approving university policies. When the new process is finalized, it will be published on the website https://it.ufl.edu/policies/
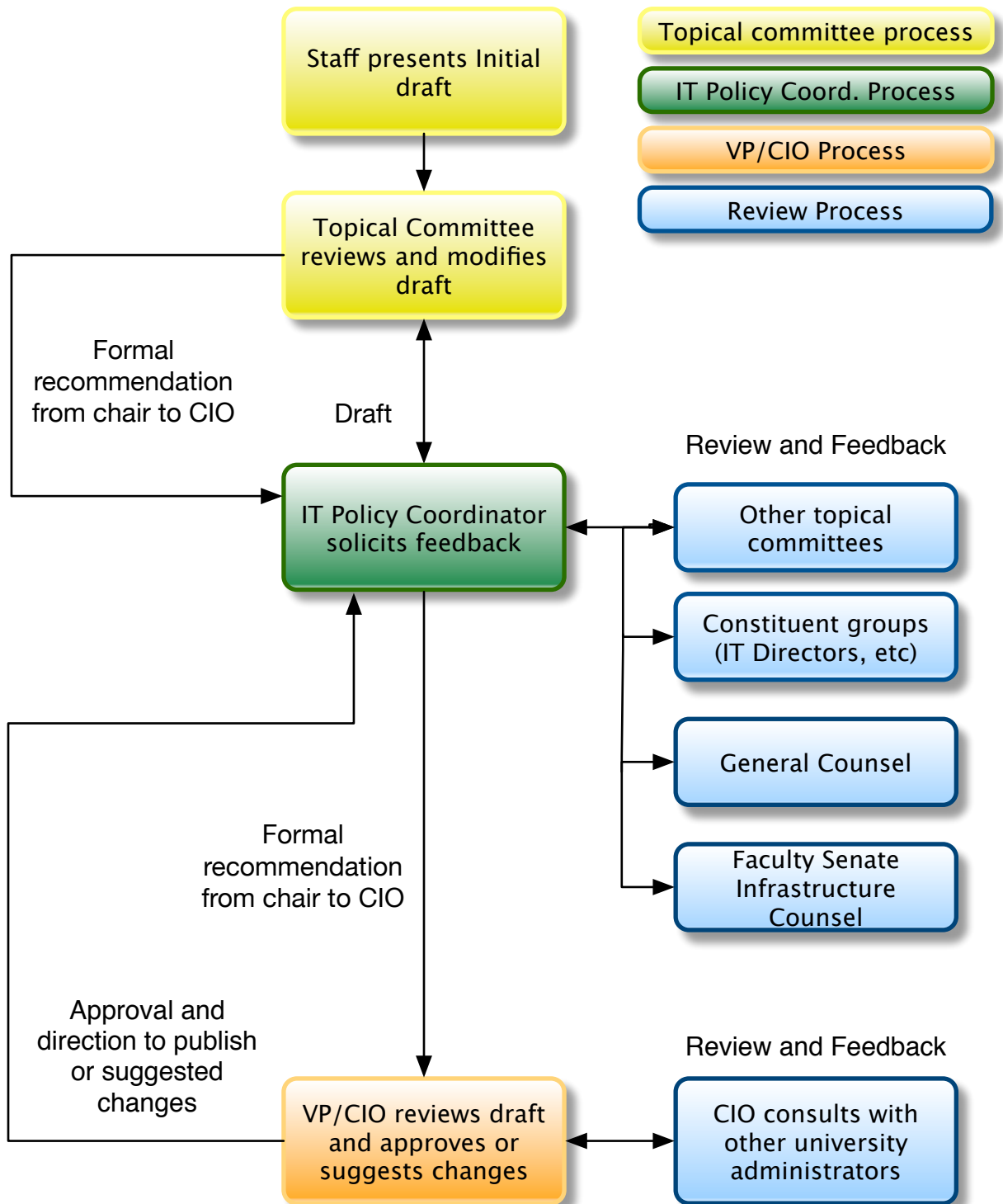
Discussion
- **HiPergator for students** The proposal discussed at the last RCAC meeting to provide access to HiPerGator (and ResVault which runs on HiPerGator) for students under guidance of Marsten Libraries staff has been approved by Dean J. Russell and VP and CIO E. Eldayrie. Library and UFIT RC staff will work out the practical details of the process.
- **Researcher support** The work done by Justin Richardson and Brian Bertholomew has a primary focus to support researchers in activities and projects that often fall between the different support organizations. That criterion sets the priority of their tasks. These priorities are set by a small committee consisting of Lauren McIntyre, Stephanie Smith, and Erik Deumens. The process to track their work is being refined to allow efficient prioritization and to easily check whether certain tasks take longer than they should, so that such problems can be addressed promptly.
- **Artificial Intelligence application at** UF There is an initiative championed by Dean Abernathy to make UF the center of excellence in applied artificial intelligence and associated technologies like machine learning and deep learning. Several efforts are on flux to get support from the State of Florida through an LBR (Legislative Budget Request) and from donors. The task for this committee is to identify researchers at UF who are doing work that could benefit from AT technology. We will organize a workshop in early spring semester 2020 to get people together and to spread the word about the activity.
  - Erik Schmidt has identified some people.
  - Chris Vulpe will talk to the Faculty Senate.
  - NSF has just published a solicitation for AI centers 20-503.
- **Infrastructure updates**
  - HiPerGator 3.0 new GPUs – 608 new GPUs (most RTX 2080ti and 48 RTX Quadro 6000) will be in production in Dec 2019.
  - HiPerGator 3.0 new Blue storage – Replacement system has been ordered from DDN and will be delivered in November. It will be in production early January 2020. Technical specs will follow. It has several innovations. One is

the increased performance to handle small files by using "data on metadata" with all-flash storage on the metadata servers.

Organization

Next meeting will be in Dec 7, 2019 from 1:30 – 2:30 pm. The meeting will be in NPB 2165 and will be Zoom enabled for virtual attendance.

Information Technology Policy Development and Approval Process

Staff presents Initial draft

Topical committee process

IT Policy Coord. Process

VP/CIO Process

Review Process

Topical Committee reviews and modifies draft

Formal recommendation from chair to CIO

Draft

Review and Feedback

IT Policy Coordinator solicits feedback

Other topical committees

Constituent groups (IT Directors, etc)

General Counsel

Faculty Senate Infrastructure Counsel

Formal recommendation from chair to CIO

Approval and direction to publish or suggested changes

Review and Feedback

VP/CIO reviews draft and approves or suggests changes

CIO consults with other university administrators

Purpose:

To define the approach to the development, approval and maintenance of IT policies and standards.

Scope:

This applies to all policies and standards recommended by UF Information Technology governance ~~for UF IT~~ and issued by the Vice President and Chief Information Officer.

Standard:

1. Policy development and approval

    a. Any faculty, staff member or student may propose a topic or content for a policy or standard. Such proposals should be directed to the relevant topical committee or to the Office of the VP and Chief Information Officer.

    b. The chair of each topical committee decides which proposals are appropriate for consideration.

    c. Drafts of proposals to be considered are typically prepared by staff and submitted to the topical committee. The topical committee reviews and modifies the draft as needed, and makes a recommendation to the Vice President and Chief Information Officer. The topical committee may seek input from constituent groups.

    d. Feedback is solicited from other topical committees, constituent groups, the Faculty Senate Infrastructure Counsel, and the Office of General Counsel. The originating topical committee will consider feedback, and submit responses along with the final policy recommendation.

    ~~d.~~e. The Vice President and Chief Information Officer may request clarification or modification of the draft by the topical committee before final consideration.

Policy Number:	Policy Family:	Category:	Effective Date:
SEC-XX-nnn	Information Security	Policy Category	10/30/2019

     ~~e.~~f. The Vice President and Chief Information Officer seeks input from University administration and others as appropriate.

     f. ~~The Vice President and Chief Information Officer seeks input from the Office of General Counsel.~~

     g. The Vice President and Chief Information Officer approves the policy or standard.

2. Policy and standard implementation

     a. The Vice President and Chief Information Officer notifies the University by issuing an Administrative Memo about the new policy or standard and its effective date.

     b. Policies and standards are posted on the UF IT website.

     c. Information about policies and standards may also be communicated via announcements, memoranda and training.

3. Policy and standard maintenance

     a. Revisions to policies and standards follow the same process for approval as new policies or standards.

     b. Policies and standards should be reviewed as appropriate or as required by law.

Responsibilities:

The Vice President and Chief Information Officer is responsible for implementing systems and specifications to facilitate unit compliance with this policy.

Authority:

UF-1.0102: Policies on Information Technology and Security

Policy Number:	Policy Family:	Category:	Effective Date:
SEC-XX-nnn	Information Security	Policy Category	10/30/2019

References:

DRAFT

Policy Number:	Policy Family:	Category:	Effective Date:
SEC-XX-nnn	Information Security	Policy Category	10/30/2019

Revised: 10/17/2019

Page **3** of **3**