

Supporting the University of Florida

2017-2018 UFIT CONTRIBUTIONS

Rise to Five





UF UNIVERSITY of FLORIDA

"...We have the talent, the collective will and the means to keep moving up. We owe it to our students and the people of Florida to be the very best public research institution we can be."

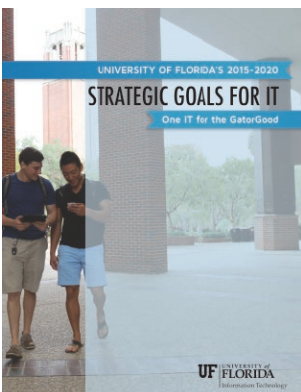
*Dr. W. Kent Fuchs
President*

2017-2018 UFIT CONTRIBUTIONS

Rise to Five

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To view the [University of Florida's Strategic Goals for IT 2015-2020](http://www.it.ufl.edu/leadership/strategic-plan) online or to learn more about UFIT's governance process, visit:
<http://www.it.ufl.edu/leadership/strategic-plan>

CIO's Welcome

SUPPORTING UF'S MISSION AND RISE TO FIVE



ELIAS G. ELDAYRIE
Vice President & CIO

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It's been an exciting and transformative year at UF. After reaching the top-10 public university rankings in fall 2017, we continue to look for new ways that IT can support the university's academic and research environments. We are very proud to have contributed to the top-10 achievement but are now looking to help UF *Rise to Five*.

In FY 2018 we surpassed the \$600 million mark in research computing support of the university's sponsored research portfolio. We also implemented several services that enhance the university's reputation on a national scale and upgraded UF's student information systems to better support data-driven decision making. Additional details about the new services and systems upgrade are presented in this report.

While we work toward fulfilling the goals in the 2015-2020 strategic plan, our time is also focused on the next 10 years, not just the next two. Our support of the university means we are already looking past 2020. We are:

- Identifying areas of growth in teaching and learning, so staffing aligns with the technology requirements of students entering UF in 2028, in addition to 2018
- Building an extremely robust research computing ecosystem to support the preeminent faculty hires of tomorrow
- Ensuring our IT workforce evolves to have the skills required to empower the university's achievements and reputation

We are deeply invested in planning and implementing the IT environment for UF's next milestone. However, reaching our goals is impossible without partnering with you. I'd be happy to meet and discuss your plans and projects. Together we can determine how UFIT can best support our shared goal, to *Rise to Five*.

Go Gators!

A handwritten signature in blue ink, appearing to read 'Ege'.

Best Colleges

& WORLD REPORT
U.S. News

#9

Public Universities
2018

*Empowering
Leadership in Research
and Scholarship*



WORLD CLASS RESEARCH



Applications Consulting



**Innovation Platform/
FLR Connectivity**



Secure Computing Environment



HiPerGator Supercomputer

Supporting the Rise to Five

UFIT is committed to supporting the university's goals in *The Decade Ahead* report, knowing that delivering our best will help the university advance in key student success, instruction, research, extension, and clinical benchmarks.

GOAL 1

An exceptional academic environment that reflects the breadth of thought essential for preeminence, achieved by a community of students, faculty and staff who have diverse experiences and backgrounds.

GOAL 2

An outstanding and accessible education that prepares students for work, citizenship and life.

GOAL 3

Faculty recognized as preeminent by their students and peers.

GOAL 4

Growth in research and scholarship that enhances fundamental knowledge and improves the lives of the world's citizens.

GOAL 5

A strengthened public engagement of the university's programs with local, national and international communities.

GOAL 6

Alumni who are successful in their careers and in life and who are proud to be graduates of the University of Florida.

GOAL 7

A physical infrastructure and efficient administration and support structure that enable preeminence.



THE DECADE AHEAD

- Provided the infrastructure expertise and course development assistance for UF Online, now ranked by US News & World Report as the #1 fully online bachelor's degree program
- Supported student learning by enabling more than 5.5M views of content in the UF Mediasite catalog, the video streaming service for the university's e-Learning environment
- Optimized study time for students via UFApps during the Hurricane Irma closure (September 8-13) by providing access to 160 software applications from any computing device—laptops, tablets, desktops, and smartphones—no matter where students sought shelter from the storm
- Enabled research computing investor teams from 110 departments and institutes, supporting \$656M of UF's \$803M sponsored research portfolio
- Expanded the compute capacity of HiPerGator again in FY18. HiPerGator is currently ranked #4 of all U.S. public universities in the latest Top-500 supercomputer rankings
- Increased consulting services available for research computing clients, added research computing training options, and built ResVault for restricted and confidential data, making UF research faculty more competitive for federal funding
- Partnering with the City of Gainesville and GRU to develop a Smart City/Community Wireless environment. This partnership will supply Wi-Fi on RTS buses and within the Innovation Corridor
- Developed and launched the Gator360 constituent relationship management system, streamlining and improving interactions with students, from initial contact through their alumni careers
- Mobilized additional student services for the ONE.UF portal, allowing students to check records and submit forms on their schedule, instead of spending time waiting in an administrative office
- Improved UF security and compliance with the launch of the Integrated Risk Management program, a multi-unit, cross-divisional partnership developed with faculty and staff input
- Expedited the financial aid process with the development and deployment of e-Forms, improving the experience for students, increasing the efficiency of Financial Aid Office staff, and reducing UF's environmental impact by requiring less paper

Education and Outreach

ADVANCE THE UNIVERSITY OF FLORIDA TO THE FOREFRONT OF TEACHING

GOAL #1: CREATE A TECHNOLOGY-SUPPORTED ECOSYSTEM

Outcomes:

- Added accessibility compliance tools to aid teaching and assessment in the e-Learning ecosystem
- Deployed two learning analytics dashboards for pilot testing with faculty

GOAL #2: TRANSFORM LEARNING SPACES

Outcomes:

- Facilitated 592,523 computing sessions in the UF Libraries and collaboration spaces
- Converted eight standard classrooms to new, flexible designs to better support emerging student-centered pedagogies
- Deployed new collaboration technologies in UF Libraries and Newell Hall

GOAL #3: MOBILIZE TEACHING & LEARNING SERVICES

Outcomes

- Supported 217,370 sessions in UFApps, the university's virtual apps service
- Enabled students to continue learning during the Fall 2017 Hurricane Irma closure: The UFApps service recorded 8,942 logins, with over 16,800 hours of online content streamed

GOAL #4: OFFER SERVICES FOR RICH MEDIA PRODUCTION

Outcomes:

- Completed 850 studio recordings and 30 on-location recordings for academic materials
- Incorporated video cloning, virtual backgrounds, and iPad integration into the CITT video production studios' range of offerings

GOAL #5: PROVIDE MULTIPLE TECHNOLOGY TRAINING CHANNELS

Outcomes:

- Added nine offerings to UFIT's training catalog, including face-to-face workshops, webinars, and online courses related to teaching with technology
- Sponsored multiple peer education and training events and brought in a nationally recognized Windows PowerShell expert for two days of hands-on training for the campus IT community

GOAL #6: ENGAGE WITH LEADING INSTITUTIONS AND ORGANIZATIONS TO FOSTER PARTNERSHIPS AND COLLABORATION

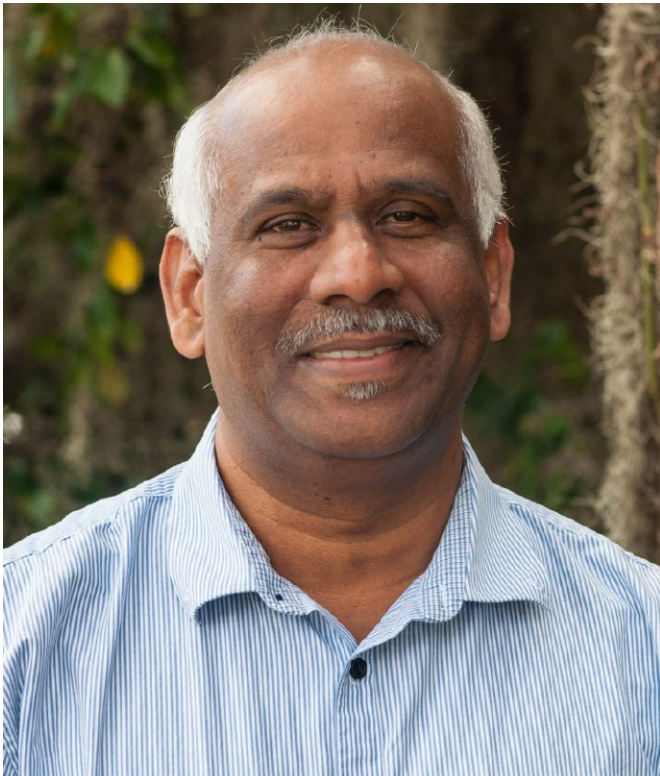
Outcomes:

- Continued serving in leadership roles with Unizin, EDUCAUSE, and other educational technology organizations, allowing UF to share best practices with other public and private universities
- Partnered with leading universities to develop learning analytics solutions for higher education
- Participated in the IMS Global Learning Consortium

GOAL #7: SUPPORT AND ENCOURAGE AN INNOVATIVE ENVIRONMENT AND CONTINUOUS IMPROVEMENT

Outcomes:

- Redesigned the Learning Tools Interoperability software request and evaluation procedure, expediting the evaluation and deployment of new learning tool requests
- Realigned UFIT organization and facilities to enhance support for faculty innovation



“Denise Matchett at the Help Desk was absolutely fantastic in helping me with my service request...on a Friday evening! Thanks a ton, Denise!”

Muthusami Kumaran, Ph.D.

Associate Professor

**Nonprofit Management and Community Organizations
IFAS**



Expanded Video Production Services for UF

UFIT upgraded the technology in its video production studios in FY18, allowing for a more streamlined post-production workflow and elevating on-location production services. Some of the upgrades conducted include allowing the production of highly engaging/low maintenance digital media by instructional designers, enabling them to reach a new plateau in teaching and learning innovation. UFIT’s video production staff helped produce 89 academic courses this year, and many of these incorporated new technologies, like video cloning, virtual backgrounds, and iPad integration techniques, that deliver a more engaging learning environment for students.

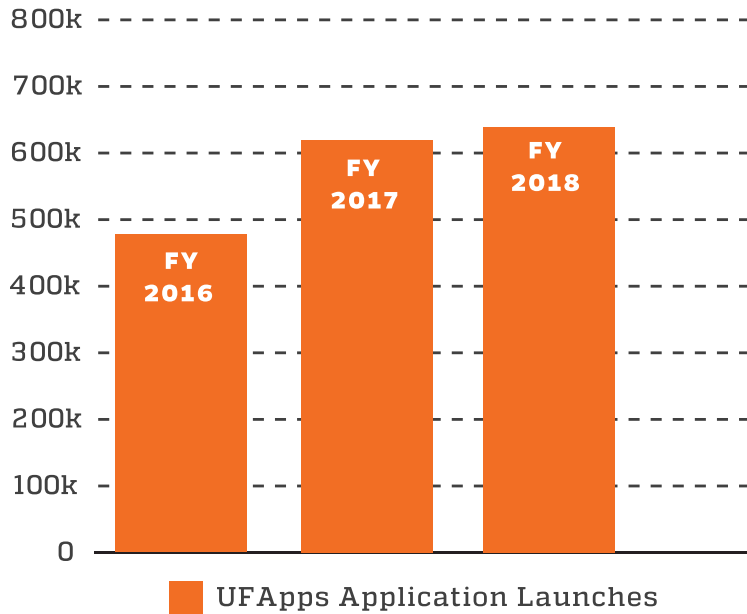
The demand for top-quality, in-house video production has grown exponentially. In addition to the 89 courses produced, UFIT also created outreach and training videos for the COMPASS program, the Gator Computing Program, the ONE.UF portal, and the University of Florida’s Police Department’s [Making-a-Plan initiative](#).



Education and Outreach

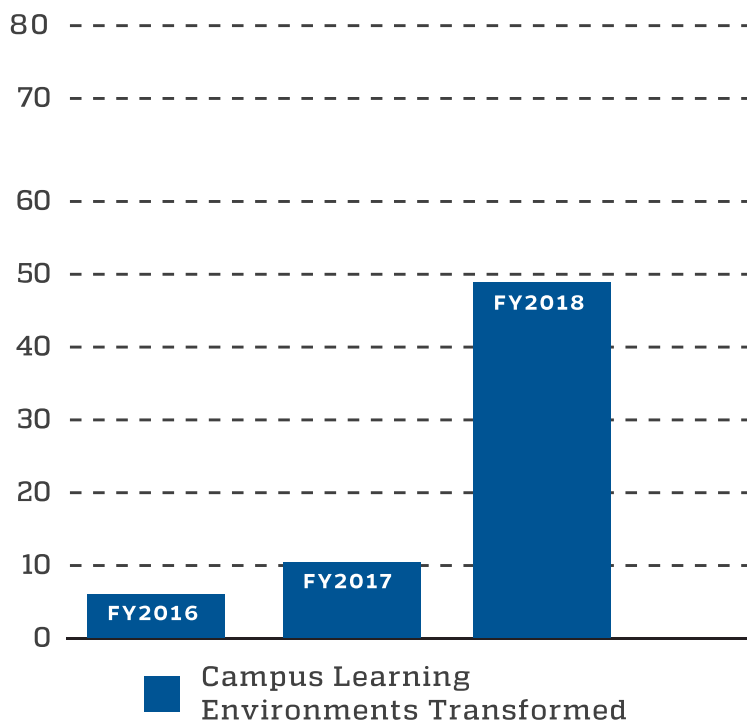
ADVANCE THE UNIVERSITY OF FLORIDA TO THE FOREFRONT OF TEACHING

Usage Growth - UFApps Service



**25%
GROWTH IN
3 YEARS**

Campus Learning Environments Transformed



**940%
INCREASE IN
3 YEARS**

Research Computing

POSITION UF AS A LEADER IN RESEARCH COMPUTING AND INNOVATION

GOAL #1: EXPAND HPC, DATA STORAGE, AND RESEARCH NETWORK CAPACITY, PERFORMANCE, AND USABILITY

Outcomes:

- Increased research computing support of UF's research portfolio to over \$600M in FY18
- Implemented 3.4 PB of capacity storage at \$25/TB/year using the statewide ITN contract
- Deployed interaction sessions for visualization that require hardware accelerated rendering by GPUs

GOAL #2: ENHANCE AND EXPAND SERVICES THAT USE HIGH- PERFORMANCE COMPUTING, DATA STORAGE, AND NETWORK RESOURCES

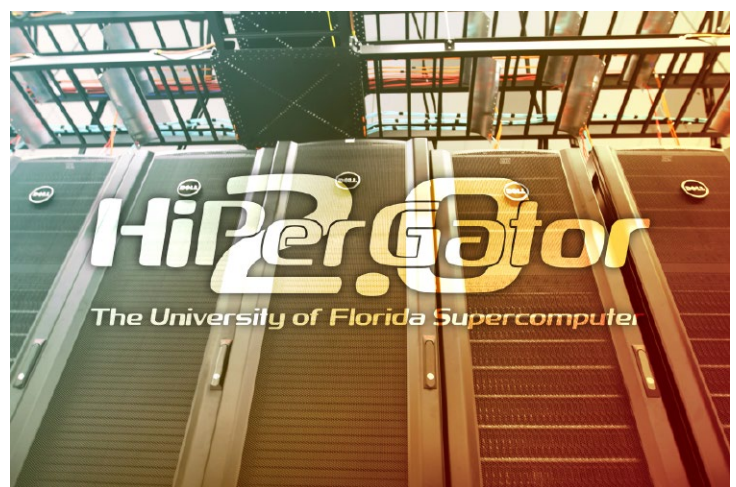
Outcomes:

- Brought ResVault infrastructure online for computing with, and storage of, restricted data. Environment is compliant with FISMA 800-53 moderate and CUI 800-171
- Implemented singularity containers to more efficiently support increasingly complex workflows prevalent in modern science and engineering

GOAL #3: IMPROVE FACULTY AWARENESS AND ACCESS TO USE OF RESEARCH COMPUTING SERVICES

Outcomes:

- Expanded opportunities for face-to-face consultations on demand: New monthly sessions are now held in the Wertheim College of Engineering and the College of Pharmacy
- Shared experiences with restricted data environments at conferences and workshops around the country, including the NIST HPC security workshop
- Offered consulting to numerous universities seeking to implement IT environments for research on restricted data



240 Principal Investigators
Supported in FY18



“We worked with UFIT staff in Research Computing to develop a robust environment that meets strict federal information security guidelines. The new environment provides authorized users with on-demand access to linked data from multiple state agencies, and has the capacity to process billions of medical and administrative records. We can work with very large data and safely share research with partners and collaborators.”

Roland Estrella
Manager, Clinical Research
Department of Health Outcomes & Biomedical Informatics

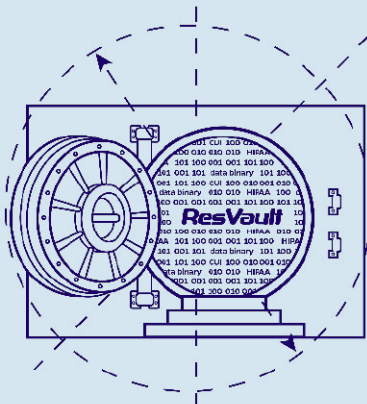


ResVault is a Game-Changer for UF Research

The benefits of being one of the first universities in the U.S. (public or private) to meet the stringent federal National Institute of Standards and Technology (NIST) requirements means our faculty are immediately more competitive with ResVault. Coupled with the FISMA environment that went live in summer 2015, UF is recognized as a leader in creating highly secure environments for research.

ResVault is a secure, pre-approved workstation with the capacity for large-scale data storage and computation. Researchers can work with and securely store electronic protected health information (ePHI), HIPAA, export-controlled data (ITAR/EAR), student data (FERPA), controlled unclassified information (CUI), and intellectual property data (IP).

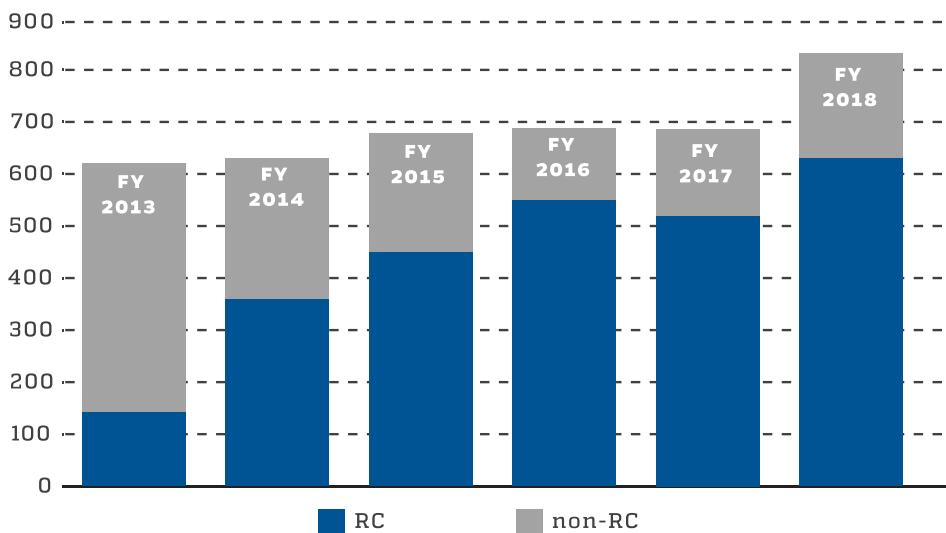
ResVault allows researchers to store and work with larger data sets than is possible on a regular workstation. The service also allows work on stored data sets with familiar software tools running on virtual machines located in the UF Data Center, concurrently run more programs than on a regular workstation, display work on a graphical interface that is securely transmitted to remote devices, and collaborate with others on the same data sets using different workstations.



Research Computing

POSITION UF AS A LEADER IN RESEARCH COMPUTING AND INNOVATION

Research Computing Support of UF Funded Research (In Millions)



\$656 MILLION OF UF'S FUNDED RESEARCH PORTFOLIO IN FY18 WAS ENABLED BY UFIT RESEARCH COMPUTING INFRASTRUCTURE, SUPPORT, AND CONSULTING.

Research Computing Services - Systems Uptime

CY18

System	Uptime Rating
HiPerGator	99.9%
ResVault	99.7%
ResShield	100.0%

CY17

System	Uptime Rating
HiPerGator	99.9%
ResVault	99.0%
ResShield	99.0%

CY16

System	Uptime Rating
HiPerGator	99.9%

Information Security and Risk Management

LEVERAGE IT RISK MANAGEMENT AND INFORMATION SECURITY PRACTICES TO REDUCE ADVERSE IMPACTS TO THE INSTITUTION

GOAL #1: INTEGRATE BUSINESS AND INFORMATION SECURITY PRACTICES

Outcomes:

- Created a risk ranking methodology to help units understand and make decisions based on prioritized risks to their project and to UF
- Worked with 12 campus groups to implement significant changes to the information security risk assessment process (IRM)
- Developed and generated metrics and reports on IT risk assessments to evaluate efficiency with the IT risk assessment process

GOAL #2: INCREASE AWARENESS OF SECURITY-RELATED POLICIES AND STANDARDS

Outcomes:

- Guided Information Security Advisory Committee to the recommendation of four policies: Physical Security of Information Technology Resources, Incident Response, Monitoring of IT Resources, and Audit and Logging
- Coordinated efforts to establish an annual security awareness and education requirement for all employees on the UF/UFHealth Jacksonville campus
- Developed new 'Cyber Security @ UF' workshop and refined the existing 'Cyber Self-Defense' workshop

GOAL #3: ENHANCE INFORMATION SECURITY ANALYTICS TO BETTER PREVENT, DETECT, RESPOND, AND PREDICT THREATS TO UF'S INFORMATION SYSTEMS AND DATA

Outcomes:

- Completed 1,384 IT risk assessments, identifying residual risks and assisting units with effectively mitigating risks across UF, UFHealth Gainesville, and UFHealth Jax
- Scanned the entire University network at least every 30 days, notified asset owners about vulnerable versions of software and services, as well as recommended remediation. Continued adding new and additional vulnerability checks
- Applied the UF incident response procedures in the investigation and follow-up of 11 high-severity incidents and identified, suspended, notified, and investigated more than 720 compromised user accounts.



"I wanted to send a quick email of appreciation for the incredibly hard work done by Cheryl Grant and Scott Schreiner. I couldn't do a thorough job as the Pharmacy ISM without their in-depth knowledge and assistance. When I ask for guidance with any risk or business process, their availability, knowledge-base, and collegiality are unrivaled. I honestly cannot say enough positive things about Cheryl and Scott. I won't pretend to know the stress and pressures both are under; however, when I reach out to them I get their total and undivided attention."

Lane Blanchard, M.S.
IT Director
College of Pharmacy

Introducing Two-Factor Authentication @ UF

Everyone is familiar with the added steps in place to protect personal information when buying gas at the pump or accessing a bank account online. Because account compromise attempts are rising exponentially, UF has taken an additional step to help safeguard both personal and university information.

In spring 2018, UFIT implemented a two-factor authentication process for applications requiring a UF web login. Two-factoring is also in place for university VPN connectivity. Though not yet mandatory across all colleges and divisions, faculty and staff may choose to enroll in the two-factor service. Here's how two-factor authentication adds a layer of security to the Gatorlink username and password authentication process: After logging in with a Gatorlink username and password, UF community members are asked to provide an additional verification.

UF's two-factor authentication process looks and acts familiar to anyone who has used similar methods to access bank accounts or other secure online environments. With increasingly sophisticated and organized account compromise attempted to faculty and staff 24/7, only requiring a username and password can be a really attractive invitation for digital crime. UFIT wants to do everything possible to protect UF community from private and university data theft, and two-factor authentication is an excellent preventative step.



Information Security and Risk Management

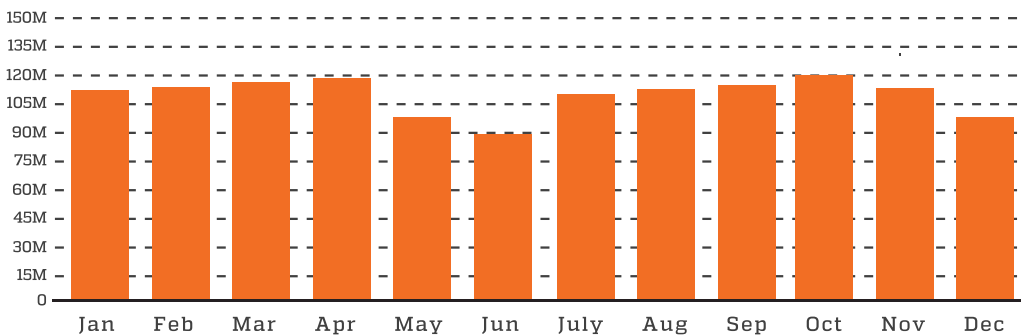
LEVERAGE IT RISK MANAGEMENT AND INFORMATION SECURITY PRACTICES TO REDUCE ADVERSE IMPACTS TO THE INSTITUTION

Protecting UF's Data and Systems From Threats

Year	Number of Attacks Detected*	Number of Information Security Incidents	Number of Compromised Accounts
CY2015	211,476,050	4,988	962
CY2016	126,237,161	3,297	535
CY2017	124,604,710	2,472	883

* The number of Attacks Detected are network-driven events detected by the Information Security Office's intrusion detection system (IDS) related to any type of repeated connections to any UF asset. These include brute force attacks, malware payloads, SQL injection attempts, shellcode, remote file inclusions, use of known exploit kits, phishing attacks, and other means.

Number of Malicious Emails Blocked From UF Network: Total Blocked In CY17 - 1,313,116,446



773,805,415 EMAILS ATTEMPTING TO ENTER THE UF NETWORK IN CY 17- 59% OF ALL EMAILS - WERE IDENTIFIED AS MALICIOUS AND BLOCKED BY INFORMATION SECURITY TOOLS

Administrative Systems

PROVIDE ROBUST, RELIABLE, AND TRUSTED ADMINISTRATIVE IT SERVICES

GOAL #1: MODERNIZE LEGACY SYSTEMS

Outcomes:

- Continued COMPASS implementations around admissions, advising, constituent relationship management, financial aid, master data management, student records, event management, data governance, and others
- Implemented new, intuitive course catalog that offers enhanced experience and functionality

GOAL #2: IMPROVE USER EXPERIENCE

Outcomes:

- Added several ONE.UF student functionalities: To-Do's, financial aid status, registration prep, schedule of courses, holds, registration, along with "my schedule" enhancements
- Created a new ONE.UF faculty workspace, enabling views of teaching schedules and class rosters

GOAL #3: PROVIDE PERFORMANCE ANALYTICS TO CLIENTS

Outcomes:

- Partnered with the Office of the University Registrar, Warrington College of Business, and CLAS on custom reporting needs, dedicating resources to ensure success with their custom reporting conversion efforts
- Collaborated with campus to 'productionize' the **LEarning Analytics Dashboard (LEAD)**
- Re-implemented UFIRST reports to enhance reporting capabilities
- Modeled myinvestiGator expenditure data and made it available with UFIRST project data for full-cycle project analysis

GOAL #4: COLLABORATE WITH BUSINESS UNITS TO IMPLEMENT BUSINESS PROCESS MANAGEMENT

Outcomes:

- Deployed UFDocuSign, a new PCard transaction approval process for the College of VetMed, as well as multiple smart e-Forms to streamline document processing and automate approval workflows on campus
- Provided myUFL self-service capabilities for students and parents to directly upload financial aid eligibility verification



“Prior to the Gator360 application, Student Financial Affairs had no way to see trends, and monitor the number of students needing assistance from our office. Since Gator360’s go-live in December 2017, we’ve had 50,000 in-person, calls, and email cases (interactions) with students. Now, we can anticipate students’ needs and more quickly respond to applicant inquiries. Gator360 allows SFA staff to have more meaningful interactions with students, while also alleviating some of the waiting time during high-volume periods.”

Christina Lamb
Senior Associate Director
Student Financial Affairs



Establishing A Data Governance Framework for UF

Building strong partnerships with campus is the foundation for UFIT’s support of the university’s academic, research, and business goals. **Data Governance**, an initiative that enhances strategic decision-making, is an important and ambitious new component to that foundation.

Data governance is the practice of people, processes, and information technology creating a consistent and proper handling of an organization’s data across all facets of the enterprise. UFIT is partnering with campus, including the Office of Institutional Planning and Research, the Office of Research, and the University Registrar, to define business terms (i.e., create a data glossary), assess data quality, and assign data stewardship to business subject matter experts who know their data and understand how it will change over time.

UFIT serves as the university’s Data Custodian, ensuring that access to the data is authorized and controlled, data stewards are identified for each area, technical processes sustain data integrity, processes exist for data quality issue resolution, technical controls safeguard data, and data added are consistent with the common data model. For more information, visit <https://data.ufl.edu/>.

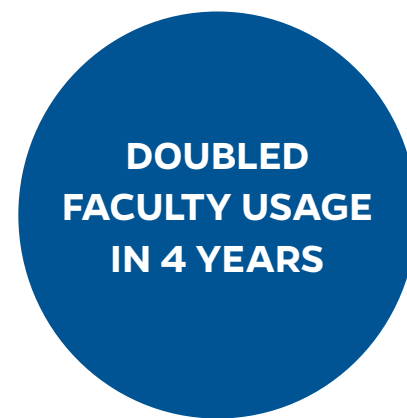


Administrative Systems

PROVIDE ROBUST, RELIABLE, AND TRUSTED ADMINISTRATIVE IT SERVICES

UFIRST Unique Active Users by Fiscal Year

Year:	Unique Active Users:
FY15	1,496
FY16	2,592
FY17	3,183
FY18	3,287



Top-10 Projects By Effort For FY18

Project Name:	Total Hours of Effort:
Student Information Systems -Campus Solutions*	78,309
ONE.UF Student and Faculty Self Service*	9,181
Master Data Management - Person Hub*	5,448
Constituent Relationship Management - Salesforce*	4,831
NS - UFH VoIP Consolidation	3,302
Application for Admissions - CollegeNet*	2,796
Admissions Processing - Slate*	2,664
UFIRST Phase 4	2,495
Data Management Platform Implementation*	2,406
Event and Room Scheduling - Ad Astra and EMS*	2,216

The numbers represent effort for UFIT employees only. This chart excludes consultants and core office resources.
 *Total hours of effort expended towards COMPASS projects in FY18 = 107,851

Shared Infrastructure

PROVISION AND OPERATE EFFECTIVE AND EFFICIENT SHARED IT INFRASTRUCTURE

GOAL #1: CREATE A HIGH-PERFORMANCE INFRASTRUCTURE THAT IS RESPONSIVE, AGILE, AND SCALABLE TO MEET UF NEEDS

Outcomes:

- Increased the number of wireless access points (APs) installed on campus to more than 5,000 APs, supporting the demand created by the number of wireless devices connecting to the UF Network
- Continued to propagate software-defined and virtualized networked across the UF and UF Health campuses
- Completed the unification of UF's Main and Health Science Center collaborative communications service

GOAL #2: ADOPT NEW TECHNOLOGIES AND STANDARDS THAT LEAD TO IMPROVED SERVICES AND HIGHER EFFICIENCY

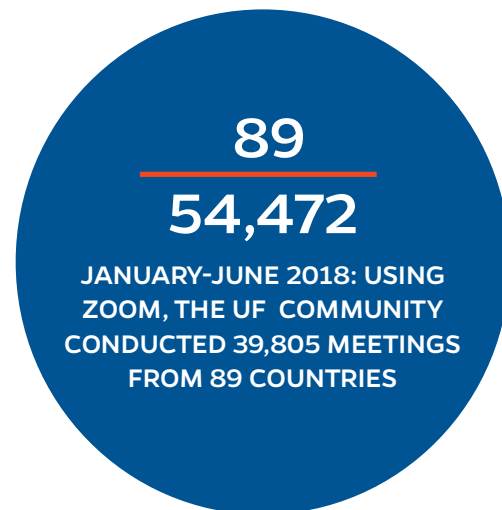
Outcomes:

- Introduced the Zoom collaboration tool in FY18, and anticipate deployment of an enterprise solution in FY19
- Deployed wireless monitoring and Speedtest this year, providing better insight into UF's wireless performance

GOAL #3: RATIONALIZE COMPUTING AND NETWORK INFRASTRUCTURE

Outcomes:

- Developed an archival storage option for campus, providing a robust, secure option for only \$3/month; storage option became available in summer 2018
- Standardized eduroam as the main wireless SSID for UF, and expanded it past the campus boundaries to enable access for constituents in Gainesville





“Just wanted to let you know about Wally Sanchez going above and beyond the call of duty for the Osprey project at UF. He was very thoughtful and helped with the many logistical and networking problems that we had with the camera. Wally is so responsive to issues and noodled out ways to overcome unique challenges with the project. He is just a joy to work with and is quite an asset to UF.”

Mark Hostetler, Ph.D.

Professor

Wildlife Ecology & Conservation

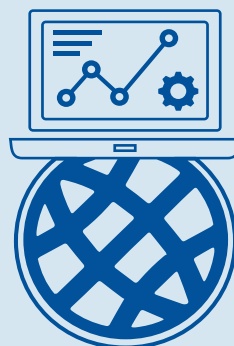


Enabling Global Research Collaboration with Zoom

In January 2018, IFAS announced it had received an \$8.7 million grant to help the countries of Burkina Faso and Ethiopia increase livestock productivity and help children there avoid chronic gut inflammation disease. The research is led by Arie Havelaar, preeminent professor of global food safety and zoonoses, and Adegbola Adesogan, director of UF’s Feed the Future Innovation Lab for Livestock Systems and professor of animal sciences. While in Africa, they rely on Zoom to connect with researchers and lab staff in Gainesville.

“We are indeed using Zoom a lot for our communications needs within the Livestock Innovation lab from Africa and with our colleagues at UF, and our experiences are great!” said Havelaar.

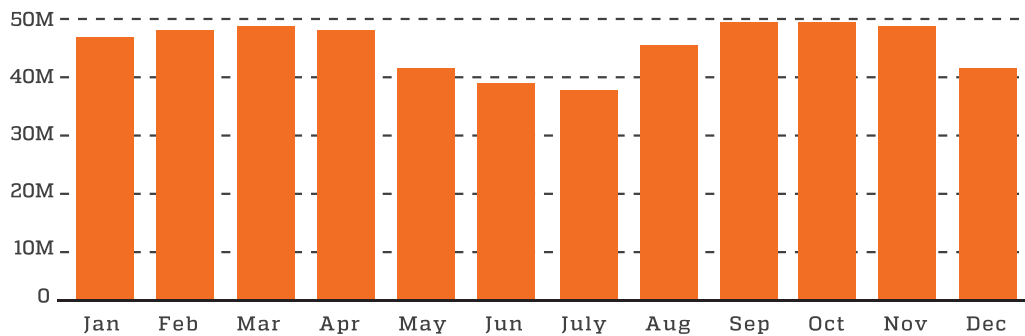
Zoom, a high quality audiovisual collaboration tool, was introduced to campus this year. It is easy to use and reliable for conferencing or chatting on a mobile device, desktop, or via telephone. The UF community quickly adapted to—and adopted—Zoom. In the first six months of 2018, there was a 98 percent jump in usage: From 1,301 meetings in January to 13,300 meetings in June. The UF community has used Zoom in 89 countries so far this year. In FY19, UFIT will deploy Zoom as an enterprise-wide service, creating efficiencies by eliminating the need for individual unit licenses or staff support resources across campus.



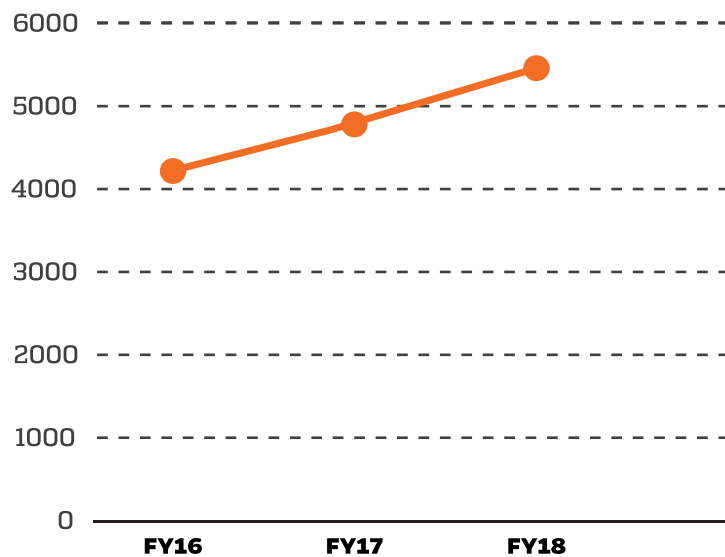
Shared Infrastructure

PROVISION AND OPERATE EFFECTIVE AND EFFICIENT SHARED IT INFRASTRUCTURE

Number of Emails Delivered in CY17 - 538,311,031 Billion



**Enhancing the Campus Wi-Fi Experience:
Total Number of Access Points Installed**



**INCREASED WI-FI
ACCESS POINTS ON
CAMPUS BY 24% IN
3 YEARS**

Web Services

PROVIDE LEADERSHIP IN WEB AND MOBILE SERVICES AND TECHNOLOGIES

GOAL #1: PROMOTE A COMMON, HIGH-QUALITY USER EXPERIENCE ACROSS THE UF WEB DOMAIN

Outcomes:

- Increased the number of websites in the t4 web content management system to 266 in FY18
- Provided phone and in-person consulting support on T4, university branding, and web template use to 588 clients across campus

GOAL #2: ENSURE AN ENVIRONMENT OF ADA/WCAG 2.0 COMPLIANCE AT THE UNIVERSITY OF FLORIDA

Outcomes:

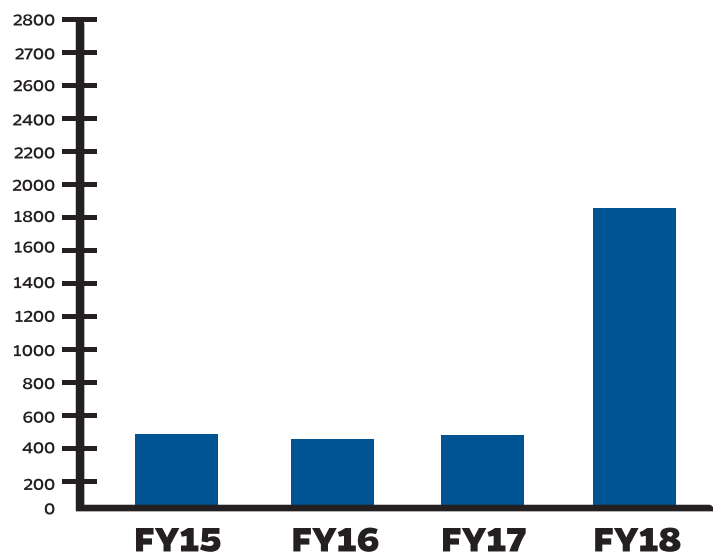
- Increased awareness and understanding of UF's Electronic and Information Technology Accessibility policy through training, events, and activities
- Provisioned enterprise-level resources for accessibility evaluation and remediation of websites and course documentation
- Established governance, review of compliance standards with vendors, and reporting procedures for EITA issues

GOAL #3: DEVELOP STATE-OF-THE-ART MOBILE WEB APPLICATIONS

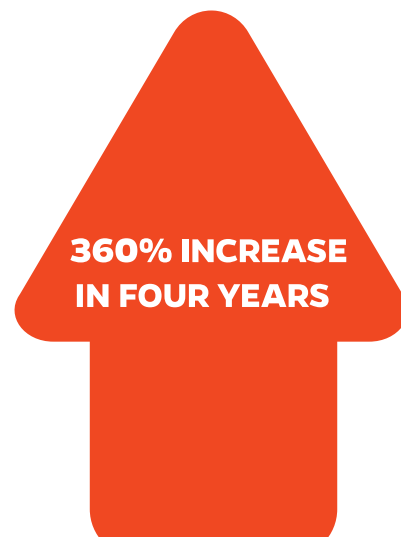
Outcomes:

- Expanded the use of Site Improve, so websites are accessible as well as visually engaging
- Ensured UF websites are responsive and adaptive for a rich user experience
- Committed professional development resources to ensure UFIT's mobile developers stay current with development trends and best practices

Academic Videos Captioned



■ Number of Videos





“Thanks to Darius Rodriguez and the fix he came up with for us! You’ve got an awesome team. I’m constantly impressed by the expertise and responsiveness of the Web Services team. Their dedication and resourcefulness enable us to share stories that advance UF’s stature as a top public research university.”

Alisson Clark
Senior Writer
University Relations



Expanding the EITA Resource Inventory for UF

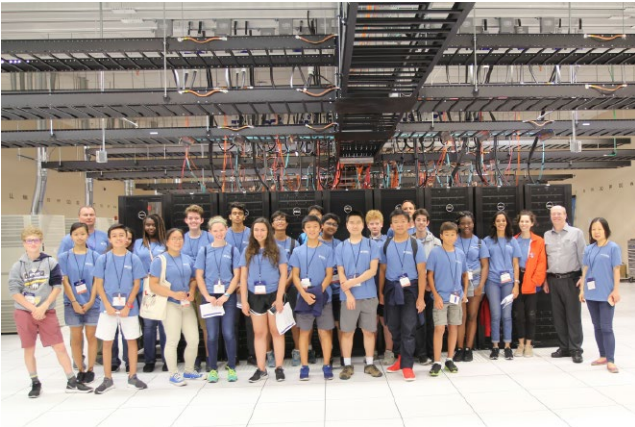
UFIT expanded the resource “toolbox” to facilitate Electronic Information Technology Accessibility (EITA) policy compliance across campus. In FY18, Ally was implemented to UF’s e-Learning environment. This tool enables document checking within a course framework. Ally also provides instructors with suggestions on how to make their content more accessible. Another service—SitelImprove—is available through the Web Services group. SitelImprove scans the entirety of a website and evaluates its content in accordance with the global Web Content Accessibility Guidelines (WGAC) 2.0. SitelImprove also provides a list of broken links and misspellings for the site owner.

UFIT continues to offer numerous free in-person and online workshops so faculty and staff can learn the skills needed to ensure accessible online environments. The accessibility.ufl.edu website remains the primary campus-wide resource on accessibility compliance with updated literature, relevant policies, lecture and course captioning service information, and other supported tools for web-based teaching and learning.



Sharing our *Expertise* with Gainesville

LAUNCHED THE GATOR COMPUTING PROGRAM



UFIT launched the Gator Computing Program (GCP), a two week immersive experience for area students, in 2017. GCP is an extraordinary opportunity for rising high school students to attend lectures by distinguished faculty scholars and staff, and to tour laboratories and centers at UF where cutting edge research is underway. The lecture topics, tours, and programming activities all have as a commonality the reliance upon computing and emerging technologies. In 2018 UFIT instituted a scholarship program to allow any student regardless of their financial resources the ability to participate.

EXPANDED CREDENTIALLED WI-FI ACCESS



UFIT brought eduroam—the secure worldwide roaming access service—to Gainesville Regional Airport. UF joined eduroam in 2014, so anyone with a valid GatorLink ID, along with community members of other credentialed institutions, can have secure Wi-Fi access in 90 countries. Connecting the Gainesville Regional Airport to the eduroam service ensures the UF community (and visitors from participant institutions flying in and out of GRA) can securely access the internet while at the airport.

FY 2018:
E-Learning Environment
278.5M Interactions

FY 2018:
Launched Federally-
Approved Secure
Computing Environment

GAINESVILLE
~~NO City~~ Limits

The Road to Top-5

Uptime for HiPerGator
Supercomputer
Jan - Jun 2018: 100%

Mission Critical
Services Availability
Q1 2018: 99.988%

FY 2018:
Blocked 1.3 Billion
Malicious Emails





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FLORIDA

The Foundation for The Gator Nation
An Equal Opportunity Institution