ENJOY THE SUMMER HOLIDAYS
MESSAGE FROM THE CIO

Learning and development are core components of the University of Miami’s mission to transform lives through teaching, research, and service – and continuous professional development is key toward career growth, and the ability to perform today and adapt to future needs.

This year, our departmental Gallup poll goal is to provide professional development opportunities, support, and encouragement to all UMITers to work on building skills, knowledge, and experience that align with your career goals.

Professional development is an important part of every career path. Actively pursuing learning opportunities ensures that knowledge and skills stay relevant and up-to-date. It also allows you to be more aware of changing trends – especially within a constantly evolving industry like information technology.

When people refer to professional development, they usually mean a formal learning process such as a conference, seminar, workshop, or a course at a college or university. However, professional development can also occur in informal contexts such as online learning opportunities, discussions among colleagues or peer groups, independent reading and research, and/or mentorship. Many of these informal opportunities are even free or low cost.

To align with our goal, we created a Professional Development Opportunities document to get you started (linked on the right). This document provides information about some free and low cost options provided by UMIT as well as some opportunities within the community. Please keep in mind that this is not an exhaustive list of options - there are certainly many more across the university as well as in the broader Miami community, but this is a good starting point.

Please review the list of professional development opportunities by clicking here.

Take some time to review the different options and then discuss your professional development plans over the coming year with your supervisor. If you know of any opportunities that aren’t listed here, but would be relevant to UMITers, please let us know by emailing the information to itcomms@miami.edu. We will continue to update this document as we discover new opportunities.

I encourage you to take advantage of these resources. Professional development opens us up to new possibilities, strategies, knowledge, and skill areas. There is always room for growth and improvement – and I am enthusiastic to see your progress as you explore these opportunities.

In partnership,

Steve

UMIT NEWSLETTER JUNE 2017

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MOVERS & SHAKERS

Huntson Lam
Huntson was promoted from Manager, IT to Director, IT on the Information Security Office team.

Diamari Torres
Diamari was promoted from Communications Specialist to Communications Manager on the Communications team.

WELCOME OUR NEW HIRES

Zaine Lopez
Sr. Business Analyst

Gouri Talapareddy
ETL Developer

CURRENT UMIT JOB OPPORTUNITIES

Transform lives by referring a qualified candidate! We are constantly on the lookout for people who are passionate about what they do. We believe that the people in the best position to recommend a new UMIT employee are those who are already working here. This demonstrates exemplary teamwork and ties back to our DIRECCT Values and Behaviors. Future UMIT Canes can apply at: miami.edu/careers. Below we have several exciting job opportunities:

- Systems Administrator
- Director, Telecommunications
- Desktop Support Technician
- Desktop Support Technician (Temporary)
- Desktop Support Technician (Temporary)
- Business Intelligence Administrator (Microsoft)
- Business Systems Analyst
- Sr. Clinical Laboratory Systems Analyst
- Clinical Program Coordinator
- Sr. Clinical Project Manager
- Technical Analyst (Temporary)
- Sr. Project Manager, IT (Non Technical)
- Technical Analyst
- Programmer, Intermediate
- Sr. Systems Analyst
- Sr. Systems Engineer - Enterprise Imaging / PACS
- Sr. Programmer - Mobile App / Web Systems
Access Free Training All Summer Long on Lynda.com!

Lynda.com is a user-friendly online platform that helps anyone learn business, software, technology, and creative skills to achieve personal and professional goals.

With Lynda.com, you can learn new skills online, on your time. There are over 5,700 courses in business, technology, web, photography, and creative skills taught by industry experts.

In addition to individual courses, you can also engage in a Learning Path, which is a more in-depth opportunity to learn a new skill. Learning Paths are structured to give you step-by-step instructions on how to become a photographer, web developer, accountant, project manager, and much more.

Quick Links:

- **Access Lynda.com training at: miami.edu/lynda** (Log in with your CaneID and password)
- Seeking professional development? Check out Lynda.com’s Business videos category. Topics covered include project management and negotiation, leadership skills, and online marketing strategy.
- Educational training is also available on Lynda.com, which is designed to help faculty and students leverage new technologies to increase engagement, be more productive in the classroom, and maximize the potential to learn remotely.
- Want to learn how to use Adobe Photoshop or InDesign? Choose from 1,000s of courses in Design and Photography.
Firefox 54 Finally Goes Multiprocess, Eight Years After Work Began
Firefox’s multiple content processes don’t suck up as much RAM as Chrome, says Mozilla.
Visit Website >>

E3 2017: All the Announcements from Gaming’s Biggest Show
From Xbox One X, to FIFA 18, and everything in between.
Visit Website >>

Military IoT: DARPA’s ‘N-ZERO’ Initiative Aims to Conserve Power for IoT Sensors
The Defense Department’s research wing wants to use a new wireless technology to preserve power on IoT sensors that are constantly monitoring battlefield conditions.
Visit Website >>

The 8 Biggest Announcements from Apple WWDC 2017
Apple’s WWDC 2017 keynote just wrapped, where key executives took the stage to announce updates headed to iPhones, MacBooks, Apple TV, and more.
Visit Website >>

Why AI Would Be Nothing Without Big Data
Artificial Intelligence (AI) is one of the most transformative forces of our times.
Visit Website >>

Task Force Tells Congress Health IT Security is in Critical Condition
Report warns lack of security talent, glut of legacy hardware pose imminent threat.
Visit Website >>

DIVERSITY CALENDAR: JULY 2017
by Titanya Ramsingh-Pierce

July 4
INDEPENDENCE DAY
Anniversary of the United States Declaration of Independence in 1776.

July 9
MARTYRDOM OF THE BÂB • BAHÁ’Í
Observance of the anniversary of the execution by a firing squad in Tabríz, Persia, of the 30-year-old Siyyid ‘Alí-Muhammad, the Báb, the prophet-herald of the Bahá’í Faith.

July 13
ULAMBANA • BUDDHIST
Buddhist Ghost Festival. The unsettled spirits of dead ancestors are calmed with chanting and offerings to enable them to pass peacefully into the next world.

July 15
DHARMA DAY • BUDDHIST
Also known as Asala Puja, it commemorates the historical Buddha’s first discourse following his spiritual awakening.

July 13-15
OBON • BUDDHIST
Also known as Bon, the Japanese Buddhist festival honors the spirits of past ancestors.

July 26
AMERICANS WITH DISABILITIES ACT DAY
Commemorates the 1990 signing of the Americans with Disabilities Act (ADA), which guarantees equal opportunity for people with disabilities.
New 3-D Printers at UM’s Richter Library Promote Creative Learning Techniques for the University Community

The educational principle of learning by creating is expanding in an innovative way thanks to 3-D printing. 3-D printing is the process of making a physical object from a three-dimensional digital model. Recently, UM’s Richter Library and UMIT’s Academic Technologies team collaborated to upgrade the library’s Digital Media Lab by adding three new Ultimaker 3-D printers.

With 3-D printing, you can print almost anything. Designs range from architectural models to archeological artifacts, to complex sculptures, and even prosthetic limbs! To see the printer in action, check out this video featuring a time-lapse of the printing process. Richter Library staff members are available in the Digital Media Lab to help UM faculty, staff, and students create their own unique 3-D designs or download models from the Internet. (UM faculty, students, and staff can access the library’s 3-D printing service, but must pay for the cost of materials.)

In spring 2017, the Academic Technologies team expanded the use of 3-D printing in UM courses by running a Faculty Learning Community (FLC) on 3-D printing, scanning, and visualization. This increased demand for 3-D printing services, which was one of the motives to expand 3-D printing capacity in the Richter Library. Kelly Miller, Associate Dean for Learning and Research Services, University of Miami Libraries, had this to say about 3-D printing: “For example, with 3-D printing, faculty can reimagine course assignments around some of these new technologies – giving students the chance to experiment and learn in creative ways.”

Universities incorporating 3-D printing into courses are finding that it changes both the way students learn and the way educators teach. Last year, faculty members and students in UM’s Department of Anthropology used 3-D printing to gain insight into an ancient Peruvian whistling vessel’s qualities. During the Fall semester, FLC alumni, Dr. Leslie Knecht (Chemistry), partnered with Dr. David Van Dyken (Biology), and used 3D technologies to enhance the curriculum for an authentic research laboratory course. To introduce students to activities employed for scientific discovery, students used 3D modeling tool, Tinkercad, and the Digital Media Lab’s M3D printers to design and print measuring instruments to use within their research projects. The 3-D M3D printers are still available for smaller and less intricate prints.

Miller added that “At the heart of the Learning Commons is the Digital Media Lab, where students can get help with using Adobe creative software that’s installed on all computers on the library’s first floor, as well support with document and poster printing – and more recently, guidance and support for 3-D printing.”

Ready to try 3-D printing? Get inspired by 3-D print models online at Tinkercad and Thingiverse, then visit the Learning Commons on the first floor of the Richter Library, and enter the Digital Media Lab in room 118 – a workspace where faculty, staff, and students can get support and consultation in the use of digital audio, video, and graphic design technology, as well as web development and image creation techniques. 3-D printing machines in the library are available on first-come, first-served basis.

For more information, visit the Richter Library’s Learning Commons website, check out the Digital Media Lab, and learn more about the University of Miami’s 3-D printers. To find out more about educational uses of 3-D printing, consult with an instructional designer or visit the Academic Technologies web site.
Images of the Ultimaker 3’s 3-D Prints
Email Spoofing is Modern Day Forgery - Don’t Get Spoofed!

It’s first thing in the morning and you check your email account. To your excitement, you have a new email from a close associate or friend sharing some “inviting” information. It sounds so tempting that you just have to open it. “It’s from someone I know right? What’s the harm?” Later on, you find yourself mentioning the email to that individual and he/she tells you it’s not from them. How could that be? It’s called email spoofing.

Email spoofing is modern day forgery, where email information is altered in an attempt to trick you into believing it originated from someone you trust. It is designed to elicit certain behaviors from you with the goal of you clicking on a link to a malicious site, downloading a virus-laden attachment, or replying with information considered personal/confidential. The most common way email spoofing is performed is by using a trusted name in the “From:” field and signature of an email. Messages vary from “Please Open” to “Help, I am stuck abroad,” but the objective remains the same: to get your online defenses down.

How can they do this?

Spoofing email addresses is rather easy. All a bad actor needs to spoof an email address is a Simple Mail Transfer Protocol (SMTP) server that can send email, and the appropriate email software. Many of the available free SMTP servers will allow a different “from” address to show them the actual registered domain that the email is transmitting from. However, you, the recipient, will see that it actually came from the address specified by the spammer.

How did they get my email address?

Primarily, by compromising other email accounts, bad actors obtain access to contact lists including names and email addresses. If your information is a part of that list, you become the target for spoofed email. Some emails are also available publically on websites and through subscription lists. Additionally, social networking profiles are public and often privacy settings are weak, which inadvertently provides ample information about individuals and relationships.

What can I do?

There are several steps you can take to defend yourself against email spoofing:

• The easiest, and arguably most important, step to take is to remain vigilant. Look closely at the email’s full header and use them to verify the original source of the message. Almost all email programs allow you to check email addresses and links. When you hover your cursor over the text of an email address or link, a pop up should appear indicating the true location of the email or link. If the pop up location does not match the text of the email or link, it may be a spoof email. Additionally, some fraudulent emails may have a different reply path, meaning that the “Reply-To:” is different than the sender’s email.

• You should also use spam filters. They are designed to detect and block sent emails from unusual addresses. Do not trust an email that has been flagged or marked as spam.

• The bottom line: never open attachments or click links in the body of any email message that seem suspicious. If you do receive a suspicious email from a friend or colleague, you can always pick up the phone to verify its authenticity.

If you would like learn more about email spoofing, please visit: security.it.miami.edu or contact the UMIT Information Security Office at: ciso@miami.edu. If you feel you or a colleague have become a victim of email spoofing, please contact the UMIT Service Desk immediately at: (305) 284-6565 or help@miami.edu.
UMIT IN THE KITCHEN
by Mariano Estrada & Walter Vargas

Chilaquiles with Chorizo

**Ingredients:**
- Green tomatillo sauce (14 oz. jar)
- Nacho chips
- Fried eggs
- Ground chorizo
- Grated cheese
- Fresh cilantro
- Sour cream
- Guacamole

**Directions:**
1. Warm the tomatillo sauce.
2. Put the nacho chips on a plate, and drizzle with the tomatillo sauce (to taste).
3. Add the fried eggs on top of the chips.
4. Sprinkle with ground chorizo, grated cheese, and cilantro.
5. Garnish with sour cream and guacamole.

Miso Soup

**Ingredients:**
- 1 tbsp miso paste (white, red, or dark)
- 1 tsp of ginger, grated
- 1/4 cup broccoli florets, chopped small
- 1 shallot or spring onion, thinly sliced
- 1 sheet dried nori, cut into thin strips
- 1/2 cup mixed mushrooms, chopped (shitake, Enoki, button, Swiss brown, etc.)

**Directions:**
1. Bring a kettle of filtered water to a boil.
2. Place miso paste, ginger, broccoli, and shallots in a large mason jar or soup mug. Fill the mug halfway with hot water and stir the mixture until the miso has dissolved.
3. Add nori and mushrooms into the brew and top with hot water until the jar or mug is completely filled.
4. Allow to steep for 10 minutes so that the mushrooms can soften. Then, enjoy!

Tip: If you are taking the miso soup to eat at work, you can add everything except the hot water to a glass jar with a lid. Then, all you need to do is add the hot water when you are ready to eat!
Volunteer Opportunity: Citizen Scientists Needed for The Florida Fish and Wildlife Conservation Commission (FWC) Barotrauma Tool Study

Do you fish for reef fish like snapper or grouper? The Florida Fish and Wildlife Conservation Commission (FWC) is seeking volunteer anglers and charter/headboat captains to take part in a descending-device citizen science study. Descending devices are tools used to recompress the swim bladder and increase a fish’s chance of survival when they cannot be kept and are experiencing barotrauma (swim bladder expansion when a fish is brought up from depths greater than 50 feet). Signs of barotrauma include the stomach coming out of the mouth, bulging eyes, bloated belly, and distended intestines.

As a citizen science partner, you will test a descending device and help identify the benefits and drawbacks of using this tool when fishing in deeper waters. The information from all participants will be pooled to identify why some anglers might not use these tools. Your valuable feedback will be used to inform and improve efforts to increase the survival of caught and released reef fish.

To participate, prospective participants must first answer general screening questions. Randomly-selected participants will then watch a tutorial on descending devices, complete an initial evaluation, and test a descending device during the trial period from July 1, through Sept. 30, 2017. When the trial period ends, participants must complete a detailed post-evaluation about their experience by Oct. 15. Preliminary results of the evaluation will be available in late 2017.

To apply for an opportunity to participate in this study, visit www.surveymonkey.com/r/XK55MJV. To learn more about barotrauma, visit our YouTube channel at MyFWC.com/SaltwaterFishing. For additional information, call (850) 487-0554 or email Marine@MyFWC.com.
Kudos: Florence Parodi

UMITer Florence Parodi recently published an article on the Salesforce website: “Higher Education Advisory Council: Submit Your Nomination Now”

One of the great strengths of the higher education community is its commitment to helping each other. Nowhere is this more evident than in the Salesforce ecosystem, and those who most contribute become well known for sharing their expertise with others. If I’m describing you or someone you know, consider responding to the call for nominations to the Salesforce.org Higher Education Advisory Council.

Keep reading...

Kudos: Gables One Tower, Suite 1050 Staff

“I want to recognize everyone in Gables One Tower, Suite 1050 for the warm welcome you all have extended to the Learning Platforms team as we moved from Richter Library on June 8, 2017. We are excited to be in the center of UMIT. Our job is supporting faculty and students as they use UM’s learning platforms such as Blackboard Learn, Blackboard Collaborate, VoiceThread, iClicker, Panopto, GradesFirst, EAB Campus, Respondus 4.0, and Respondus Lockdown Browser, among others. We look forward to building relationships that will help us all as we continue to transform lives at UM.”

- William (Bill) Vilberg, Director of Learning Platforms

Kudos: UMIT Team Members

“Kudos to Alejandro Schmidt and Tony Sellers from the UNIX and Storage team, and Randy Rodriguez from the Servers and Virtualization team for working together, understanding the urgency, and taking the lead of completing the complex setup of the DR UNIX servers and storage infrastructure for the UHealth IT (Sunquest) LAB environment. This project was completed day ahead of schedule. This is a crucial and overdue component to the UHealth IT system and will play a key role during the July Data Center move efforts. Thanks to work ethic like yours our department is able to provide exemplary service at times of most need. Great job!”

“Kudos to Ignacio Gonzalez from the Storage and UNIX team for always stepping up and going beyond when he is most needed. Ignacio worked tirelessly and diligently through the entire weekend of mother’s day (May 12-15) to recover the University’s Mainframe infrastructure after the power loss that affected the Gables campus Main Data Center. The Mainframe infrastructure continues to play critical role at the University’s financial and other key workflows. Your effort and contributions are a game changer. Thank you!”

- Emmanuel Kalemakis, Director IT, Storage and UNIX / Systems Infrastructure
ANNOUNCEMENTS & MILESTONES

Meet A ‘Cane: Gilad Nir

Recently, InsideUM published a new edition of “Meet A ‘Cane,” featuring UMITer Gilad Nir.

Check out what Gilad had to say via InsideUM’s Instagram post.

Kudos: Digna Abbott

“Digna Abbott went to the AT&T phone store to get the new Dean of the School of Business a new iPhone with specific instructions. She went out of her way for this and ended up putting in on her own credit card because it was past 6 p.m. when she purchased it, her P-Card was declined, and there was no one to call to approve. Thank you, Digna!”

- Julie S. Potter, Senior Manager, Contract Administration

“We want to thank Digna Abbott for assisting the purchasing team with a request for our new Dean at the School of Business; Digna, thank you very much for being a team player for assisting purchasing to make sure our new Dean request is met.”

- Ignacio Calle, Director, Purchasing

Kudos: Office 365 School of Law Migration Team

“Phillip Leone, Terry Moneo, Rocky Pedroso, Ismael Pimienta, Anthony Ray Rodriguez, Edward Santos, and Rafael Vargas - Thank you so much to all of you who have worked on our faculty/staff O365 migrations. Your dedication and great teamwork are very much appreciated.”

- Ellen Greenfield, Director of Information Technology, School of Law
Kudos: Rob Sevilla

“Just wanted to let you know that Rob Sevilla helped me tremendously. He was always one step ahead of the game finding solutions for the issues plaguing my PC. He kept me updated at all times, made recommendations and he always made sure that I was updated on his availability to talk to me and/or to help me. Above all he is the personification of patience. I am good at using computers but I am horrible at fixing them. I am also good at breaking them because I truly worked them to the ground. So I kept asking stupid questions but he was always patient and explained things in a way I understood. He certainly knows his field of expertise. Please thank him on my behalf. I can’t thank you enough for assigning him. Thank you!”

- Roberto J. Estrada, DeWitt Daughtry Family Department of Surgery, Leonard M. Miller School of Medicine

Kudos: Derek Cespedes

“I want to thank Derek Cespedes for his amazing help today. I was an invited speaker at the University of Alabama. My laptop broke and I needed a talk urgently off of Box, but the computer I was using was not allowing me to access the file. It would not allow Bomgar either. Derek calmly navigated the situation in a calm, knowledgeable manner. He went above and beyond the call of duty to help me get my issue resolved. He even gave me his cell phone number in case I had further issues. Mr. Cespedes is a first class individual and should be commended for his outstanding service.”

- Carol Karp, MD, Professor of Ophthalmology

UMITers Receive Thank U Cards

Recently, a few UMIT's received Thank U cards, which are a sign of appreciation for what people bring to the University of Miami. Kudos to you all for everything you do for UMIT and the University!

- Mariano Estrada receive a Thank U from Patricia Ann Swift.
- Diamari Torres received a Thank U from Debbie Riedmiller, Angel Rios, and Cristina Sotolongo.

Show your appreciation by sending a note of gratitude to a UM employee: Click here to send your own Thank U card.
ANNOUNCEMENTS & MILESTONES

Kudos: Alex Bonilla

“Just to let you know that Alex Bonilla came through for me today after 5 p.m., expediting the key to Visio for me for something my Dean needed for tomorrow in the morning. I know most of the times we don’t take the time to praise those that help us, and I wanted to take a moment to that and acknowledge his professionalism and help attitude. Thank you all so much.”

- Magaly Abreu, Executive Director Finance and Administration, Division of Continuing and International Education

Highlights: eMerge America Tech Event

eMerge Americas is an action-packed conference — where ideas flow freely and innovation rules.

President Julio Frenk and Dr. David Seo were speakers at this year’s event. Also, UM Recruiter Suheil Izquierdo and UMIT’s HR Generalist Yanira Cruz participated in eMerge America’s hiring fair on June 13, 2017 (pictured right).
Celebration: Enterprise Resource Planning (ERP) Group

The Enterprise Resource Planning (ERP) team kicked off summer with a BBQ-themed lunch. The lunch provided an opportunity for the ERP Team to earn a much-needed break from the Workday Finance project and reinforce office friendships.
Reminder: UMIT Recognition Buttons

The Goals:
To recognize employees who exhibit UMIT core values, and to create a culture where personal gratitude is expressed.

The Idea:
Recognition from anyone to anyone

How It Works:
Get buttons from one of these people...

Maggie Ortiz:
1050 Gables One Tower
Coral Gables Campus

Lourdes Naya:
150 Dominion Parking Garage
Medical Campus

Tania Rodriguez:
148 Ungar
Coral Gables Campus

We will not be tracking who gets buttons. Receive a button. Pass it on.

Have questions? Contact UMIT Communications: itcomms@miami.edu.
CONTRIBUTE TO OUR NEWSLETTER

Staff Photos:
Demonstrate the spirit of the UMIT department! Share photos from a staff event, a team snapshot, etc. These are usually included in the “UMIT Announcements & Milestones” section, but we also select a staff submission for the cover of the newsletter each month!

UMIT Personal Milestones:
Do you have any recent personal milestones you’d like to share with UMIT? Marriages, engagements, births, graduations, etc. If so, provide a quick summary of the milestone, and/or photos.

UMIT in the Community:
Are you involved in community service, or community activities? If so, provide a quick summary, and/or submit photos.

UMIT Kudos:
Would you like to recognize team members, an individual, colleagues, or staff for a job well done on a project, implementation, or anything else? Send a quick note of recognition, and/or photos.

UMIT in the Kitchen:
UMITers sure do love to cook! Share your favorite dishes with us. Please submit your personal recipes with photos.

EMAIL YOUR CONTRIBUTIONS TO
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