High University Honors

Alumni Service

Marullus A. Williams receives distinguished award

plus+

Welcoming a New President

Starting up PhishMe

Alumni Newsmakers
Graduate Send-off!
Scholarship Recipients
Faculty Highlights and more
Last fall, the INI greeted 127 new students entering the twenty-fifth class of the Pittsburgh programs, sixth class of the bicoastal MSIT programs and eighth class of the Kobe MSIT-IS program.

**Welcome, MS25!**

- 51 MSIT (MOR, IS, SM) students
- 44 MSIN students
- 24 MSISTM students
- 8 Kobe MSIT-IS students

MS25 countries/regions of origin:

- Argentina
- China
- Colombia
- Germany
- India
- Indonesia
- Japan
- Kenya
- Pakistan
- Panama
- Philippines
- Saudi Arabia
- Singapore
- Taiwan
- Turkey
- United States
I have always believed the strength of the INI lies in our diversity. Our students and alumni represent numerous cultures across the globe. The interdisciplinary aspects of our programs are linked to several different colleges at this great university, each college offering its own value. Through a variety of offerings and a supportive, accepting environment, we give our INI students the ingredients for success.

This issue of our annual newsletter celebrates a few examples of individuals who pursued unique opportunities after developing their strengths and diverse skills here with us. I hope you enjoy their stories.

As we prepare for another graduation, I reflect on our fair share of successes that we gained over the past year. Orientation took place in the fall and welcomed over 120 students! We stretched orientation over several days to allow our many new students time to mingle and settle into their new environment. Of course, we still kicked off the beginning of the academic year with our traditional boat cruise on Pittsburgh’s three rivers! And we celebrated another class of December graduates from our Kobe program.

Without a doubt, our bicoastal MSIT programs offered in part at the Silicon Valley campus have grown—our enrollment doubled this year! Further, we have more industry relationships in the Bay Area that are providing excellent opportunities for internships, research and practicum projects.

The National Security Agency and the U.S. Cyber Command awarded Carnegie Mellon University the designation of National Center of Academic Excellence—Cyber Operations (CAE-Cyber Ops). This major accomplishment specifically acknowledges the merit of the INI’s Master of Science in Information Security Technology and Management program.

We welcomed new leadership in President Subra Suresh and Dean James H. Garrett, as well as celebrated the deep accomplishments of former President Jared Cohon and former Dean Pradeep K. Khosla. It is an exciting time at Carnegie Mellon!

I encourage you to browse our newsletter and keep in touch with us through our online channels.

The INI’s Interdisciplinary Professional Master of Science Programs

- MS in Information Networking (MSIN)
- MS in Information Security Technology and Management (MSISTM)
- MS in Information Technology - Mobility (MSIT-MOB)
- MS in Information Technology - Information Security (MSIT-IS)
- MS in Information Technology - Software Management (MSIT-SM)
- Kobe MS in Information Technology - Information Security (Kobe MSIT-IS)
High University Honors

Marullus Williams, CEO of Limbic Systems, received the Alumni Service Award

Thirteen individuals were honored September 27 at the Carnegie Mellon Alumni Awards Ceremony. First presented in 1950, the awards recognize alumni, students and faculty for their service to the university and its alumni, for their achievements in the arts, humanities, sciences, technology and business. To date more than 750 individuals have been honored through the program.

Marullus A. Williams (MS6) received the Alumni Service Award. He is president of Limbic Systems, Inc., a Washington, D.C. based information technology consulting firm, and a graduate from the MSIN program. Nominated by INI Director Dena Haritos Tsamitis with support letters submitted by other alumni and faculty, Williams is the first INI alumnus to be an honoree.

"Having CMU as an alma mater means I am automatically assumed to be a genius, and I try not to convince people otherwise," wrote Williams. "My most rewarding experiences as a graduate involve working with Dr. Tsamitis, to recruit talented minority and women students to the department. I believe our efforts are making a difference."

In recent years, Marullus reengaged with his alma mater and brought with him new energy. Notably, he joined the INI Admissions team in recruitment efforts at Historically Black Colleges and Universities (HBCU) and served as a mentor to several students as they pursued graduate studies. He sacrificed his personal time and traveled great distances to meet with prospective students.

Marullus was the founding chair of the INI Alumni Leadership Council that was established in 2010. In 2012, he led council members to meet with President Cohon to discuss issues of strategic importance to the INI.

Dr. Tsamitis described him as someone who "lights up with a true excitement for the innovations coming from the university."

Upcoming Events for INI Alumni & Friends

Spring Carnival | April 10-12, 2014
Join the university for the 100th anniversary of Carnival!

Commencement 2014 | May 18, 2014
Celebrate the graduates and reconnect with main campus

The INI welcomes alumni and friends to join us for these events.
Contact our alumni and external relations office for details!
National Designation Received for Cyber Operations

In June, CMU was designated for the first time as a National Center of Academic Excellence in Cyber Operations (CAE-Cyber Ops) through 2018. INI Director Dena Haritos Tsamitis and Assistant Research Professor Nicolas Christin led the efforts to create the curricular framework and apply for the designation, which applies specifically to the INI's MSISTM program.

CAE-Cyber Ops designations are selected through a rigorous review process by the National Security Agency and the U.S. Cyber Command. Approved institutions must be able to offer students an interdisciplinary education, strong engineering and science coursework, and research opportunities.

"Through our academic and research strengths, in addition to our applied knowledge, we’re educating the workforce in specialized cyber operations that are critical to the nation’s security,” said Tsamitis.

CMU is also designated a CAE in Information Assurance Education and CAE in Research. The NSA and the Department of Homeland Security awarded these designations through 2014.

Japan Program Graduates Seventh Class

The INI celebrated the seventh class from the Master of Science in Information Technology–Information Security program that is offered in partnership with the University of Hyogo in Kobe, Japan (Kobe MSIT-IS). In addition, the INI extended its partnership with the University of Hyogo for another year. Currently, students spend half the program in Japan and the other half in the U.S.

Subra Suresh Installed as President

Carnegie Mellon officially inducted Subra Suresh as the university’s ninth president on Friday, Nov. 15. The ceremony followed the president’s inaugural theme, "Crossing Boundaries, Transforming Lives,” based on a reflection of his journey to Carnegie Mellon in comparison to the life of founder Andrew Carnegie.

A highlight of the ceremony was the president’s own take on the university’s motto, My heart is in the work, when he stated, "My work is from the heart."

See photos of the inaugural events at: flickr.com/photos/carnegiemellonu/
Women have been underrepresented historically in computer science and engineering fields. The student-led group Women@INI (WINI) was established in 2005 with a mission to create a culture of acceptance and support for diversity within the INI. The student group hosts guest speakers and organizes social activities, such as movie nights, that encourage students to get to know each other and share their experiences outside the classroom. WINI sponsors a few students each year to attend the Grace Hopper Celebration of Women in Computing national conference. Outreach activities, such as clothing drives and Internet safety workshops, are carried on during the year by members and give students the opportunity to exercise leadership skills while giving back to the local communities in both Pittsburgh and Silicon Valley.

WINI’s annual events are a chocolate-tasting in February and a reception in April. WINI’s elected officers apply their creativity to celebrate these traditions in a way that reflects the style of the graduating class.

Inspired by the activities of WINI, the Graduate Organization@INI (GOINI) was established in 2009 to create opportunities for leadership and co-curricular activities for all INI students. GOINI officers are elected each year to organize events for socializing and professional development. A happy hour and end-of-year picnic are annual events.

Alumnus Marcus Smith (MS22) established an interactive workshop series, called “Don’t Struggle Like I Did” (DSLID) to address students’ worries. During the 2013-2014 year, GOINI continued this legacy by hosting talks about coping with graduate school and managing stress. Students in this young organization aspire to establish new traditions, too. In the fall, GOINI president Allison Boos organized trick-or-treating in the offices of the INI building and a gingerbread house contest. In January, GOINI hosted its first masquerade ball, complete with masks, beads and karaoke. With time, these new events may become an anticipated part of the student experience.

Leaving a Legacy
INI students build upon the traditions of past participants

Opportunities Seized
Student ties her success to community engagement

Devika Nair Syama (MS24) gets involved and, by doing so, unearths new opportunities. She will join Sears Holding Corporation full time upon graduation after having completed a success-filled internship there. Nair earned the grand prize in a showcase of hundreds of projects by Sears interns. Her manager loved her enthusiasm, describing her as "one of the most engaged interns" last summer.

Pursuing the Pittsburgh-Silicon Valley MSIT-SM, Nair studied hard but also sought out student groups and events. Not every student can balance academic demands and co-curricular activities with ease. Her strategy was to commit first and then manage her time proactively.

“I have always found it easy to work my schedule around these activities by planning a little early and making up my mind to attend them,” Nair said.

Her peers elected her to officer positions for both GOINI and WINI. Nair felt fortunate for the chance to serve.

"It lets you continue the great job that has been done over the years and facilitate the platform for your fellow students to enjoy,” she said. “You can also help conduct your favorite activities and gain practical experience in planning events, managing multiple tasks and working with others. These skills are very helpful in the real world.”

At the Silicon Valley campus, Nair participated in hacking competitions. Her team won the "best app overall" prize at the Tizen Hackathon in Palo Alto, earning the team $1000 in prize money. The app was also declared the MobileCON champion round winner, competing with winners from other hackathons and earning the team a trip to attend the CTIA mobile conference in Las Vegas.

“[In the Bay Area,] we also had the opportunity to attend networking events, meetups, visit incubators and meet people from startups and large corporations," she said.

Her participation at various events flexed her new skills and increased her network of contacts. She proved throughout her grad school career that a great deal of learning can take place outside the classroom.
Get Real

Faculty member challenges students to deliver results that make an impact.

Patrick Tague teaches two courses, Mobile Security and Wireless Network Security, which are offered at the Silicon Valley campus and remotely to students in Pittsburgh. In addition to teaching, Tague is involved with novel research at the Silicon Valley campus with Bob Iannucci, CMU-SV director. They are spearheading the CROSSMobile project, the development of a mobile network to serve as a testbed for the campus. The private network will facilitate exciting research.

“One of my favorite parts of teaching at CMU is that students have the right mix of theory and practice, so they can both understand what they’re learning at a fundamental level and be able to apply what they’re learning to real systems. In my classes, I take advantage of this feature by engaging the students in relatively deep group research or development projects that often lead to papers being published or projects being commercialized. In addition, I let the students come up with their own project ideas, and I think the CMU innovative spirit is what makes this process successful,” said Tague.

As one example of student work applied to the practice, a paper stemming from his mobile security course, titled "UnLocIn: Unauthorized Location Inference on Smartphones without Being Caught," was published at the International Conference on Security and Privacy in Mobile Information and Communication Systems (PRISMS 2013). Tague and faculty Joy Zhang guided three INI students and three ECE Ph.D. students to author the paper: Le Nguyen, Yuan Tian, Sungho Cho (MS23), Wookjong Kwak (MS23), Sanjay Parab (MS23), and Yu Seung Kim.

Tague offers the following advice to current students: “If I could say just one thing, it would be to take advantage of the time and flexibility of grad school. From what I’ve seen, you’ll probably never have as much opportunity to learn, explore technology, and innovate at the same time, either through course projects, research assistantships, hackathons and other corporate-sponsored events.”

Taking On New Roles

Two faculty members fulfill new leadership responsibilities.

Accepting additional duties, Senior Systems Scientist Rajeev Gandhi and Assistant Research Professor Patrick Tague are newly appointed INI Associate Directors. Gandhi will be posted in Pittsburgh while Tague will work from the Silicon Valley campus. Through these positions, the INI will be able to improve its administrative leadership at both campuses.

INI faculty members Rajeev Gandhi and Limin Jia

Newest faculty member

The INI welcomed a new faculty member at the start of the 2013-2014 academic year. Assistant Research Professor Limin Jia will be the academic advisor for the MSISTM program, in addition to teaching courses and conducting research. Her current research focus is on formal aspects of security. She is particularly interested in applying language-based security techniques as well as formal logic to model and verify security properties of software systems. Jia received her B.E. in Computer Science and Engineering from the University of Science and Technology of China and her Ph.D. in Computer Science from Princeton University.

Jia is teaching a new INI course titled Special Topics: Network Security and Management that explores the network paradigm called Software Defined Networking (SDN) and investigates how to enforce security policies using SDN in various application domains. The course is co-taught by Vyas Sekar, a visiting assistant professor of electrical and computer engineering and computer science.
Some friends got together for a summertime hike in the Bay Area, including the following INI alumni: Namrata Ghadi (MS19), Manan Kadia (MS20), Risha Chheda (MS20), Rahul Iyer (MS16) and Deepti Chheda (MS17).

Photo credit: Gurpreet Singh (MS18, about.me/gurpreetz). See more fantastic photos by Gurpreet at flickr.com/photos/zoxcleb!
Serendipitous Success

Robyt Belani revs up second venture on the tailwinds of startups

It wasn’t unusual for cyber forensics company Mandiant to hire INI alumni, but Robyt Belani was among its first. He was there in the early years and recently celebrated the news of its purchase by FireEye in December 2013 for $1.05 billion. By this time, Belani had since started two companies of his own.

These days Belani leads PhishMe, an innovative security awareness company headquartered in the Washington, D.C. region with offices in New York City and London (phishme.com). His first company, Intrepidus Group, which he began with PhishMe’s co-founder Aaron Higbee in 2007, has since been acquired.

PhishMe combats phishing attacks by equipping enterprise employees with effective training, tools for reporting and metrics for analysis. As a former consultant, Belani saw, again and again, calamitous incidents of employees granting attackers a foothold on enterprise networks. “No one was focused on fortifying the human element,” he said. “We wanted to make a behavioral change and create a product that stays on top of the threat landscape.”

The idea sparked a company that has attracted venture capital and garnered approximately 300 clients in three years, including some of the top banks and insurance companies.

At the INI from 2000 to 2002, Belani believed he would pursue doctoral studies. “CMU was quite the cultural shock, in all aspects, but one of the best times of my life. A lot of hard work and sleepless nights. To me, the one lesson that I learned was that sleep is not necessary for survival,” he mused.

One day in the corridors of the Heinz School (now, Heinz College), his academic career path made a hairpin turn after bumping into one of the founders of cybersecurity consulting firm Foundstone. “Within an hour, I had joined the company,” he recalled. “I literally interviewed unshaven in flip-flops, with bloodshot eyes having spent the previous night coding.”

At Foundstone, he was an ethical hacker tasked with breaking into enterprise networks—invaluable credentials that led to his teaching Carnegie Mellon’s Hacking Exposed class for several years. After interviewing with Mandiant, the fledgling company invited him to set up its New York City office. Despite calls from high tech firms with lucrative job offers, he joined up with the “crazy startup” where he would work hard and learn by doing. The company grew, along with his role.

His experiences at Foundstone and Mandiant ultimately fueled his own entrepreneurial goals. Today, Belani remains grounded, even as his career rockets and FireEye’s acquisition turns his Mandiant stock options to cash. He sums up his career goals nicely, modestly: “I was always following my passion. Cybersecurity is my passion. And I am doing the best that I can.”
The INI celebrated 114 graduates on Sunday, May 19 with a diploma ceremony at Rodef Shalom in Oakland, Pittsburgh. More than 250 family members and friends joined the festivities. The graduates entered in a procession led by a bagpiper wearing the Carnegie Mellon tartan in accordance with tradition and walked one-by-one across the stage to receive their well-earned diplomas.

The Class of 2013 marks the 23rd graduating class from the INI, also known as the MS23. The diversity of the graduates reflected 14 nations: Albania, China, Costa Rica, France, India, Japan, Kenya, Kuwait, Saudi Arabia, Singapore, South Korea, Taiwan, Thailand and the United States. Twenty-five percent of the graduates were women.

INI Director Dena Haritos Tsamitis welcomed the guests and presided over the ceremony. She thanked the numerous individuals involved in providing support to the graduating students, including parents, staff, faculty and the dean of the College of Engineering. “As you grow in your career, you will see that the emotional strength that you and your colleagues gain from your homes and your families is a valuable asset to your professional lives. I would also like to challenge you to apply your best work to your personal life,” she advised the graduates.

She concluded: "Graduates, climb aboard and buckle your seats! I am confident that two years at the INI have well positioned you to rocket toward success."

Anish Bhimani, an INI alumnus from the Class of 1992, gave the keynote address. He is the chief information risk officer of JPMorgan Chase and was recently named Information Security Executive of the decade for North America by Tech Exec Networks. He provided the grads with a list of career advice he wished he had known when he was “in their shoes.”

Some examples of the employers of the INI’s Class of 2013 graduates include Apple, Amazon, eBay, Facebook, Google, LinkedIn, Microsoft, Oracle, Qualcomm, Raytheon, S&P Capital IQ, Salesforce, VMware and Zynga. Ten graduates were Scholarship for Service recipients and will fulfill positions with the federal government at organizations such as the Department of Defense, MITRE and Sandia National Laboratory.

All weekend Carnegie Mellon was filled with revelry and emotional farewells as graduates and their families celebrated the more than 4,200 members of the Class of 2013. Graduates received their diplomas at individual ceremonies hosted by the departments.

President Jared L. Cohon addressed the graduates at a university-wide Commencement Ceremony on Sunday morning. It marked his sixteenth and final commencement at Carnegie Mellon, as he stepped down on June 30.

Hear the keynote speech by Anish Bhimani on the INI’s YouTube Channel: www.youtube.com/user/inicmu

Left to right: Dena Haritos Tsamitis, Steven Morley with son, Charlie Tan with family, Pradyumna Agrawal, Alok Ranjan, Ashwin Das and David Lamont
Award Recipients

Select students received honors.

The INI rewards exceptional student performance with a select number of student awards that are announced during the INI diploma ceremony. The awards recognize achievements in academics, leadership and dedication to the campus community.

The following graduates were honored in 2013:

Pavan Kumar, Outstanding Student Service Award for a Teaching Assistant  
Nominated by Greg Ganger and Garth Gibson

Chinmay Kamat, Outstanding Student Service Award for a Teaching Assistant  
Nominated by Greg Ganger, Garth Gibson and Rajeev Gandhi

Shrikant Adhikarla, Outstanding Student Service Award for a Research Assistant  
Nominated by Wendy Fong, Collin Jackson, Patrick Tague and Jia Zhang

Gregory Owens, Pradeep K. Khosla Leadership Award  
Nominated by Nicolas Christin

Dolly Karaba, Executive Women’s Forum INI Fellowship  
With support from the INI and Joyce Brocaglia, founder of Executive Women’s Forum and president of Alta Associates

Jonida Cali, Tara Darbyshire Fellowship  
With support from the INI and Tara Darbyshire, co-founder of Archer Foundation and a founding member of Executive Women’s Forum

In addition, the INI recognized staff member Marilú Lundeen. After 10 years of part-time studies at CMU, she received a Bachelor of Arts in Hispanic Studies with an additional major in European Studies.

“Graduates, climb aboard and buckle your seats! I am confident that two years at the INI have well positioned you to rocket toward success.”

~Dena Haritos Tsamitis
Scholarship for Service

The INI receives funding for a handful of students each year to participate in the federal CyberCorps Scholarship for Service program (SFS). The SFS scholars receive full-tuition funding in exchange for a two-year commitment to work for the federal government. The SFS scholars must also complete federal internships during the summer between their first and second year. Every scholar is responsible for finding and securing his or her internship and full-time job.

The INI Career Services office provides support to all INI students seeking internships and full-time positions, and for the SFS scholars the office provides a focus on government careers. Throughout the academic year the office arranges networking opportunities with SFS alumni and coordinates a seminar series on federal employment. The office gets results, boasting an excellent post-graduation placement rate for these federally funded scholars.

"CMU helped me identify possible career paths through a series of frequent, informal lunch presentations by representatives from the full spectrum of government agencies involved in information security. These conversations, along with one-on-one sessions with the university’s outstanding SFS-aware career services professionals, helped me identify my ideal job, network with SFS alumni, land a summer internship, and ultimately receive a full-time job offer," said Stu Kennedy (MS23). A graduate of the MSISTM, Kennedy is now employed with the Federal Reserve Bank of New York.

"I am extremely grateful for the advantages the SFS program afforded me at Carnegie Mellon and in my career," he added.

EWF INI Fellowship

Grace Kihumba (MS25) recently received the a fellowship from the INI and Alta Associates’ Executive Women’s Forum (EWF) on Information Security, Risk Management and Privacy. The award was presented at the 11th Annual EWF National Conference in October. The EWF INI Fellowship is an educational award providing full tuition and a mentor to support her studies in the INI’s Pittsburgh- Silicon Valley MSIT-MOB. Previous recipients of the fellowship, known as EWF INI Fellows, have been recruited by major companies, such as Microsoft, Hewlett-Packard, Lexmark and Ernst & Young.

"The EWF INI Fellowship is like rocket fuel for the careers of these young women, who would otherwise face some major barriers—hurdles related to their culture or their geographic location, gender biases and financial hardships, even self-doubt, to name a few," said Dena Haritos Tsamitis, INI Director. "Grace shows exceptional potential, offering both talent and a passion for a future career in technology leadership."

"I would like to conduct research on mobile learning and intelligent tutoring systems for mobile devices," said Kihumba of Nairobi, Kenya. "My interest is in educational technology and e-learning."

Information Security Scholar

Pratibha Anjali Dohare (MS25), of Bhopal, India, was awarded $40,000 from the International Information Systems Security Certification Consortium (ISC)² Foundation, an organization that awards scholarships annually to women in pursuit of cybersecurity careers.

"I intend to utilize this scholarship in enhancing my knowledge in the field of cybersecurity and forensics during my studies at CMU’s INI, with an aim to merge the processes of prevention and investigation through development of an intrusion prevention and detection system," said Dohare. The funding will help to support Dohare’s graduate studies in the INI’s Pittsburgh-Silicon Valley MSIT-IS.
Alumnus Authors Third Book: Core Software Security

While many INI alumni were among the attendees of the 2014 RSA Conference in San Francisco, Anmol Misra (MS16) was hard to miss. Misra was selected to have a book signing at the Moscone Center during this major international conference. He recently co-authored *Core Software Security* with James Ransome, Senior Director of Product Security at McAfee.

Published in December 2013, *Core Software Security* "expounds developer-centric software security, a holistic process to engage creativity for security" and is the "definitive how-to guide for software security professionals, according to the publisher's description.

Android Security: Attacks & Defenses, released last spring, was Misra's second book, and was co-authored with another INI alumnus, Abhishek Dubey, a senior engineer on the Security Services and Cloud Operations team at Cisco. In 2011, Misra was a contributing author to *Defending the Cloud: Waging War in Cyberspace.*

Misra's expertise includes mobile and application security, vulnerability management, application and infrastructure security assessments, and security code reviews. He is currently a program manager in the Information Security group at Cisco. All three of Misra's books are available on Amazon.

Alumni Mentors on LinkedIn

Sometimes just a little help can go a long way. With this in mind, the Alumni Leadership Council and a team of Prachi Wadekar (MS19), Apoorva Govind (MS23) and Hiral Shah (MS19) launched the CMU-INI Alumni Mentorship Program (CIAMP). The LinkedIn group facilitates discussions about students' pursuits. The students ask about careers and industry, while the alumni volunteers simply share their experiences. Any alumni who is interested in this group should contact Jennifer Burkett Feyrer at jfeyrer@cmu.edu.

Council Updates

INI Alumni Leadership Council

The INI Alumni Leadership Council is a group whose members work throughout the year to engage the alumni community, set up new opportunities for students and advise the administration. They meet annually during Spring Carnival to discuss and strategize. Recently, members facilitated mentoring between alumni and students through CIT's Real World Engineering program and by coordinating a group on LinkedIn. In October, Council Chair Robin Zhang joined up with INI Director Dena Haritos Tsamitis and CMU-SV’s Wendy Fong along with INI alumni and students in Scottsdale, Ariz., where leaders in information security, risk management and privacy convened at the Executive Women’s Forum National Conference.

The INI Alumni Leadership Council is made up of the following members: George Chamcham (MS22), Matt Kaar (MS16), Marachel Knight (MS7), Ujjwal Moitra (MS17), Bob Mowry (MS5), Aditi Pendharkar (MS19), Michael Souryal (MS2), Prachi Wadekar (MS21), Marullus Williams (MS6), Bill Wysocki (MS23) and Robin Zhang (chair, MS8).
Faculty Updates

Raj Rajkumar, chair of the INI Faculty Committee, ECE professor and co-director of the joint U.S. Department of Transportation's University Transportation Center, testified before a House Committee and Subcommittee on Highways and Transit that new technology holds great promise for dramatically improving highway safety and efficiency.

Daniel P. Siewiorek was named director of the Quality of Life Technology Center, an NSF Engineering Research Center that focuses on creation of intelligent systems that improve lives while enabling older adults and people with disabilities. He succeeds Takeo Kanade, director emeritus and professor of computer science and robotics.

Tony Wasserman, professor of software management practice at the Silicon Valley campus, received the Influential Educator Award from the Association for Computing Machinery's Special Interest Group on Software Engineering (SIGSOFT) for pioneering software engineering curriculum. He was recognized at the 35th International Conference on Software Engineering in San Francisco for his early contributions to software engineering curriculum development and his extensive impact in software engineering methods, tools and management.

YinzCam, a mobile sports app founded by INI Associate Director Rajeev Gandhi and ECE Associate Professor Priya Narasimhan has been named to Venture Beat’s list of 20 fastest-growing mobile startups.

James H. Garrett, Jr., CIT dean (pictured above), announced the establishment of the Collaborative Innovation Research Center (CIRC) and the appointment of Jimmy Zhu as director. CIRC’s mission is to promote, enhance and facilitate collaborative research activities between Carnegie Mellon and Sun Yat-sen University (SYSU) in Guangdong, China.

Dena Haritos Tsamitis, INI director, presented an invited talk at a workshop hosted by George Washington University on the NSF-funded CyberCorps Scholarship for Service program. She spoke about best practices for implementing cybersecurity education programs to an audience of university faculty and federal agency employees.

Virgil D. Gligor, co-director of CyLab and ECE professor, was one of five technologists to receive a 2013 Technical Achievement Award by the IEEE Computer Society.

Alex Hills, distinguished service professor of engineering and public policy, has published a new book about the work of students in CMU’s Technology in the Global Community program, titled Geeks on a Mission.

Bob Iannucci, Distinguished Service Professor and the Director of the CyLab Mobility Research Center, became the Associate Dean and Director of the Silicon Valley Campus.

Apportable, a startup company co-founded by INI Assistant Research Professor Collin Jackson, recently raised $2.4 million in seed funding to boost products and services.

Jelena Kovačević will become Department Head of Electrical and Computer Engineering, effective April 1. She is a professor of biomedical engineering and electrical and computer engineering and director of CMU’s Center for Bioimage Informatics. ECE Department Head Ed Schlesinger is leaving CMU to become the Dean of the Whiting School of Engineering at Johns Hopkins University.

Remember When

Some inside jokes last a lifetime. Marvin Sirbu wore his “INI Pigs” t-shirt to the 20th Anniversary Celebration in 2010 to commemorate the INI’s earliest days. What will our alumni and faculty dig up for the 25th anniversary?
Loyal Scot Program Continues

Andrew Carnegie was born in Dunfermline, Scotland, north of Edinburgh, but Scottish roots are not mandatory for joining up with the CMU Alumni Association’s Loyal Scot Program.

Loyal Scots feel a sense of pride in their alma mater and are happy to show it.

There are four easy steps to becoming a Loyal Scot:

1. Stay Informed

Update and verify your contact information with CMU. Visit the CMU online alumni community to review your information at alumni.cmu.edu.

2. Get Involved

Attend a CMU alumni event or volunteer to assist with alumni initiatives. Whether you live 1 mile or 1,000 miles from 5000 Forbes Avenue, the CMU Alumni Association offers a variety of ways for alumni to reconnect with the university and your fellow alumni.

3. Give Back

Loyal Scots make a cash gift of any amount each year (July 1 - June 30). Your participation in the form of a gift is a way to demonstrate your continued support.

4. Show Your Pride

Loyal Scots show their Tartan pride, anytime, anywhere. Here are just a few ways:

• Download some Tartan pride for your computer or phone.
• Display your degree in your home or office.
• Wear your plaid on Carnegie Mellon gear.
• Network with fellow alumni online, using the online alumni directory, class notes, and more.

To learn more and get started with the Loyal Scot program, go to the website at cmu.edu/loyalscot.

The INI alumni community is Piping Hot!

The pipers performed at the investiture ceremony for the inauguration of President Suresh.

How to Give

Online, using the secure form at www.cmu.edu/give

Over the phone, at (412) 268-2021

A donor who wishes to designate a gift to a specific fund, INI or CIT needs to specify the designation clearly in their instructions when making a gift.

Your Investment, Your Way

The INI has established funds and awards that enable students, alumni, family, and friends of the INI to select from many options for designating a gift.

Designate to Funds and Awards

Joyce Brocaglia Fellowship Fund. Established in honor of the CEO of Alta Associates and Executive Women’s Forum (EWF) founder, the Joyce Brocaglia Fellowship Fund seeks to provide tuition support to a graduate student at the INI.

EWF-INI Fellow Fund. The EWF-INI Fellow Fund provides support specifically for the recipients of the EWF INI Fellowship for books, cost of living and other expenses associated with graduate school. The fund was established by a 2010 alumna who was inspired to continue building the community of support she experienced at Carnegie Mellon.

Innocent Habiyaremye Memorial Award. This award will honor one student who embodies a sense of community spirit in his or her everyday actions. The award was first established in memory of an MS20 INI alumnus who inspired others through his kindness and volunteer activities.

ACS Legacy Scholarships. If you're interested in developing a meaningful relationship with an INI student, consider funding a Legacy Scholarship. Since these funds are not endowed, your entire gift (four annual payments of $2,500 each) will immediately benefit the student recipient.

Designate to the INI, CIT or CMU

In lieu of these funds, a gift can be designated more broadly toward the INI, College of Engineering, or Carnegie Mellon University.
We are the INI

The Information Networking Institute (INI) was established by CMU in 1989 as the nation’s first research and education center devoted to information networking. As an integral department of the College of Engineering (CIT) and a collaboration of the School of Computer Science, the Tepper School of Business and the Heinz College, the INI’s professional graduate degree programs represent an exceptional fusion of technologies, economics and policies of secure communication networks, systems and services. The INI has over 1,300 alumni who occupy leadership positions at organizations in a variety of sectors.

Faculty & Staff Changes

Subra Suresh became the ninth president of CMU.

James H. Garrett Jr. became dean of the College of Engineering.

Rajeev Gandhi and Patrick Tague earned new roles as INI associate directors, adding administrative leadership to their responsibilities as faculty.

Limin Jia joined the faculty as assistant research professor of the INI and ECE.

Jamie Lehneke was promoted to director of enrollment and student services.

Jessica Becker was promoted to manager of enrollment services and special projects.

The INI’s 25th Anniversary celebration is on the horizon: Carnival Weekend, April 18, 2015