IBIT INSTITUTE FOR BUSINESS AND INFORMATION TECHNOLOGY
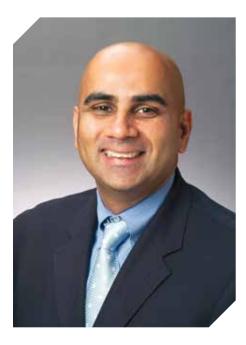
ANNUAL REPORT
2017-2018

THE NEW **DIGITAL INNOVATION FOUNDRY**

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Fox School of Business
TEMPLE UNIVERSITY ®

A MESSAGE FROM *THE EXECUTIVE DIRECTOR*

The Institute for Business and Information Technology (IBIT) 2017-18 annual report showcases how we integrate industry and academic expertise in partnership with corporate members.

One highlight is the new Digital Innovation Foundry, whose mission is to generate digital innovation by assessing, integrating, and prototyping digital technologies. Starting spring 2019 with $1.27 million in funding, the foundry will engage industry, students, and faculty across all Temple disciplines to work on digital innovation and transformation. Thanks to **Sondra Barbour**, **Jonathan Brassington**, **Bruce Fadem**, **Andrea Anania**, and **Niraj Patel** for their support.

Additional highlights include the symposium on Cognitive Computing, Artificial Intelligence, and Analytics featuring **Jeff Hamilton**, Senior Vice President, Pfizer as a keynote speaker. The combined IBIT and MIS advisory board gained **Sondra Barbour**, Member, Board of Directors, 3M, and **Satbir Bedi**, EVP Operations & Chief Technology Officer at Scholastic as new members.

Under the leadership of Chairman **Bruce Fadem**, the Information Technology advisory board continues to excel providing direction on the foundry, a new industry-academic journal, curriculum, the Information Technology awards, and increasing student engagement.

The National Cyber Analyst Challenge and Conference completed a third successful cycle of student development and industry-academic research engagement, while the QVC and NBCUniversal Analytics competitions provide local and national role models on developing Analytics expertise. The Information Systems Job Index continues to provide the national benchmark on the IS job market.

We look forward to continuing the path to excellence this coming year.

Munir Mandviwalla
Executive Director
Institute for Business and Information Technology

INFORMATION TECHNOLOGY
ADVISORY BOARD

The IT advisory board is chaired by **Bruce Fadem**, retired VP and CIO for Wyeth, and managed by IBIT. The board's mission is to advise IBIT and the MIS Program in realizing its vision of becoming a leading provider of integrative business and technology research and education. Board members meet tri-annually to focus on the following goals and responsibilities:

Education + Research + Promotion of the School
Development + Professional Development + Careers

Andrea Anania
Retired VP & CIO
CIGNA

Sondra Barbour
Member, Board of Directors
3M

Satbir Bedi
CTO
Scholastic Corporation

Michael Bradshaw
EVP & CIO
NBCUniversal

Jonathan A. Brassington
Head, Capgemini Invent NA
Capgemini

Chris Cera
CEO
Arcweb Technologies

Dale Danilewitz
EVP & CIO
AmerisourceBergen

Dinesh Desai
Chairman & CEO
Emtec, Inc.

Larry Dignan
Editor-in-Chief
ZDnet

Jeff Hamilton
SVP Business Technology
Pfizer

George Llado
SVP & CIO
Alexion

Sukumar Narayanan
President
DecisivEdge, LLC.

Niraj Patel
Managing Director
DMI

Kent Seinfeld
Retired SVP & CIO
Commerce Bank

Todd Sprinkle
SVP, Brand, Creative and Production
Qurate Retail Group

Indicates New Member in 2017-2018

2017-2018 **AT A GLANCE**

BY THE NUMBERS

2 NEW MEMBERS JOINED IBIT ADVISORY BOARD

10 CONTINUING MEMBERS

THE IT ADVISORY BOARD HELD *3 MEETINGS* THROUGHOUT THE YEAR ON KEY TOPICS

A RECORD-BREAKING *422 PEOPLE* ATTENDED THE 2018 IT AWARDS

OVER *$75,000* OF *SCHOLARSHIPS* AWARDED TO STUDENTS

OVER *90 LOCAL AND NATIONAL* INDUSTRY PROFESSIONALS ATTENDED THE SYMPOSIUM ON COGNITIVE COMPUTING

THE 5TH ANNUAL IT CAREER FAIR RAISED OVER *$9,500* IN SCHOLARSHIPS

MORE THAN *500 STUDENTS* PARTICIPATED IN THE 5TH ANNUAL TEMPLE UNIVERSITY QVC ANALYTICS CHALLENGE

3RD NATIONAL CYBER ANALYST CHALLENGE DEVELOPED EXPERTISE IN *RISK ANALYSIS & THREAT IDENTIFICATION*

25 UNIVERSITIES PARTICIPATED IN THE NATIONAL NBCUNIVERSAL ANALYTICS CHALLENGE

THE MENTORSHIP PROGRAM MATCHED *17 INDUSTRY EXECUTIVES* TO MIS STUDENT PROJECTS

2017 IT CAREER FAIR
READ MORE PAGE 16 ▶▶

IBIT **MEMBERS**

IBIT membership offers participating corporations the opportunity to leverage our knowledge, human capital, relationships and established network. Membership benefits include:

+ **Featured roles at major events and symposiums**

+ **Sponsorship opportunities for the Temple Analytics Challenge, National Analytics Challenge, Cyber Analyst Challenge and other special projects, such as the national Information Systems Job Index**

+ **Customized corporate education and professional training programs**

+ **Featured spaces at the IT Career Fair and customized assistance with recruiting, including special events**

+ **Working with world-class faculty on research projects or commissioning student projects that leverage the insights of the digital generation**

+ **Leveraging The IBIT Report – a white-paper publication on relevant topics – and commissioning specific IBIT Reports on topics of mutual interest**

+ **Professional development opportunities, including speaking in classes, attending conferences and participating in curriculum design**

+ **Mentoring students as part of the IBIT Mentoring program**

+ **Visibility on campus and in the profession – members are showcased in all print and web material**

+ **Select executives are invited to serve as Executives-in-Residence; select qualified individuals are invited to serve on the IT advisory board**

+ **Presenting named scholarships to the nationally ranked students of the MIS department**

+ **Featured roles at the IT Awards, an annual celebration and evening of recognition**

IBIT offers full membership for large and medium-sized firms, as well as a special program for small firms. Learn more at ibit.temple.edu/ibitmembers

WELCOMING **NEW BOARD MEMBERS**

We are pleased to add the following executives to the IT Advisory Board. Their unique expertise, experience, and vision will help shape the future of IT at Temple University.

SONDRA BARBOUR
Member, Board of Directors, 3M

An executive with extensive leadership and technology experience, Sondra Barbour leads organizations that specialize in the design and development of large-scale information systems. She most recently served as Executive Vice President of Lockheed Martin's Information Systems & Global Solutions (IS&GS) business area – one of five business areas within Lockheed Martin. She led IS&GS during the Lockheed Martin Corporation merger of Leidos and the IS&GS business, which produced a technology and solutions company with more than $10 billion in annual revenue. Ms. Barbour holds a bachelor's degree from Temple University in Computer Science and Accounting. She currently serves on the Board of Directors for 3M Company, and Fortune magazine selected her as one of the "50 Most Powerful Women in Business" in 2013 and 2014.
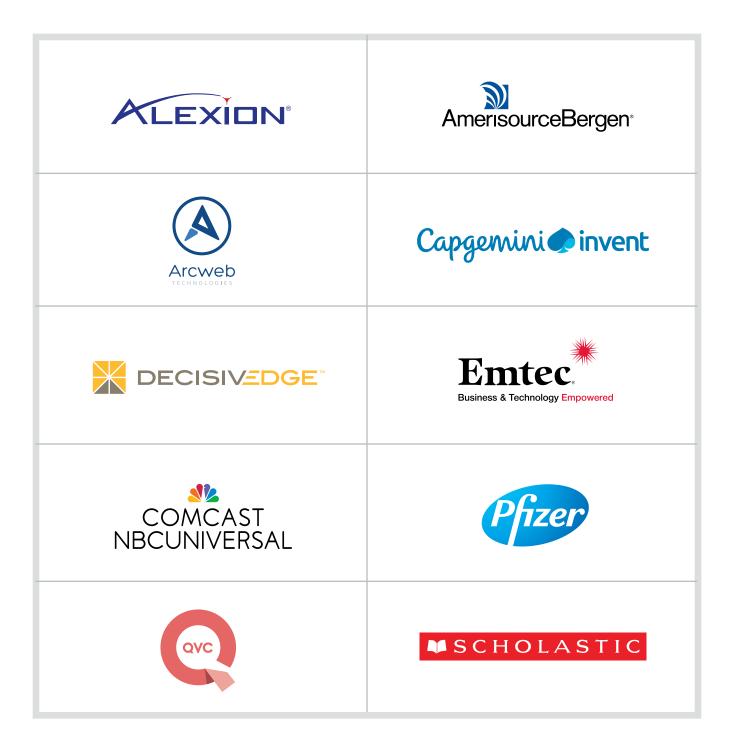
SATBIR BEDI
CTO, Scholastic Corporation

Satbir Bedi is Chief Technology Officer of Scholastic Corporation, the global children's publishing, education and media company. In this role, Bedi shapes Scholastic's technology strategy, software development, and operations to support business priorities, including the development of digital products, sites, and services that meet the needs of the company's global educator, parent and child customers. Bedi joined Scholastic in 2012 bringing his experience in technology, publishing and academia to lead the technology transformation at Scholastic. Since joining the company, Bedi has upgraded and reengineered the technology organization to better align the group with business priorities, including eCommerce and digital subscriptions. He serves on the Management Executive Committee and holds a Bachelors in Commerce (Honors) from the University of Delhi and an MS in Computer and Information Sciences from Temple University.

CONTINUING **MEMBERS**

IBIT members are educating the next generation of industry leaders and creating the forums for generating best practices in information technology.

ALEXION®	AmerisourceBergen®
Arcweb TECHNOLOGIES	Capgemini invent
DECISIVEDGE™	Emtec® Business & Technology Empowered
COMCAST NBCUNIVERSAL	Pfizer
QVC	SCHOLASTIC

STUDENTS, EXECUTIVES CONNECT **THROUGH COMPANY VISITS**

Top-performing Temple University Students got to see the inner workings of two global companies in November.

Pharmaceutical distributor **AmerisourceBergen** in Conshohocken, Pennsylvania, and educational publisher **Scholastic Inc.** in New York City, were the inaugural hosts of the Institute for Business and Information Technology's (IBIT) Company Visits initiative.

These visits bring together business leaders and students at the sites of IBIT members. For a few hours, students tour offices, learn about projects a company is working on, and talk with employees about their careers.

"It was amazing to sit at the same table with high-level executives and hear them speak about their experience. Overall, the site visit allowed me to expand my knowledge about the [healthcare] industry as well as my network," said MIS student Anastasia Postolati, who was part of the group that went to AmerisourceBergen. Madison Collins said learning how Scholastic Inc. uses technology in publishing during her visit helped her "realize how diverse a new grad's career options truly are."

The November hosts worked closely with IBIT to design their visits, which are also recruiting opportunities. Only students with excellent academic and professional development experience are invited to participate in Company Visits.

"It was an absolute delight and inspiring to host the students from the Fox Business School at Temple University. They filled me with hope and optimism for the future as prospective leaders of our communities, our businesses and our domestic economy," said **Dale Danilewitz**, AmerisourceBergen CIO. Danilewitz, who sits on IBIT's IT Advisory Board, also said that "the students were inquisitive and informative and displayed an air of confidence and sincere appreciation for the opportunity to meet our company leaders while engaging in productive and thought-provoking conversation. They are welcome back any time."

EXECUTIVES *IN RESIDENCE*

The IBIT Executive in Residence program facilitates mutually beneficial engagement and collaboration between select industry leaders and Temple University.

Jeff Hamilton
SVP Business Technology
Pfizer

Michael Bradshaw
EVP & CIO
NBCUniversal

Dale Danilewitz
EVP & CIO
AmerisourceBergen

Atish Banerjea
CIO
Facebook

Ben Hasan
Senior Vice President
Walmart

Sondra Barbour
Member, Board of Directors
3M

Niraj Patel
CIO - Lending Platforms
IBM

2017–2018
BOARD MEETING TOPICS

The IT advisory board held three meetings during the year, covering a wide range of subjects including:

+ Digital Innovation Foundry
+ MIS Capstone
+ Board Student and Faculty Engagement
+ Curriculum Design in MIS
+ The IBIT Report

+ Cognitive Computing Symposium
+ National Cyber Analyst Challenge and Conference
+ IT Masters Programs

IBIT *IMPACT*

Students and faculty at Temple University as well as experienced IT professionals benefit from the latest industry insights, standard-setting forums and valuable connections that IBIT facilitates.

The long-ranging impact of IBIT extends beyond simple professional networking between students, faculty and industry leaders. IBIT also supports promising students with awards and scholarships. It's hosting national academic competitions and annual career fairs. It's organizing symposiums that facilitate and disseminate helpful industry insights to students and professionals alike. In short? IBIT is sustaining and advancing excellence in information technology.

Through the integration of from-the-field knowledge from industry professionals and with the academic research prowess of Temple University, IBIT bolsters the development of IT best practices while fostering a new, well-trained generation of tech professionals. IBIT draws from the expertise of the entire Temple University community and the most innovative corporations in the world.

You can see the ways IBIT is continually impacting students, faculty and IT executives at *ibit.temple.edu.*

NEW FOUNDRY WILL GENERATE **DIGITAL INNOVATION** IN COLLABORATION WITH INDUSTRY

Temple University has a new way to engage students, faculty, and industry in generating digital innovation: the Digital Innovation Foundry (DIF). An Institute for Business and Information Technology project, DIF is launching with $1.27 million in funding thanks to generous corporate and individual donors.

Those collaborating through the Digital Innovation Foundry will assess, integrate, and prototype digital technologies. Industry can engage Temple students and faculty to address challenges they are facing with fresh thinking and a digital-first perspective. For one project already underway, DIF is helping a company find ways to use software to motivate employees' professional development. Students will have the opportunity to work first-hand with businesses that are navigating digital transformation, and faculty can conduct design research in an environment that benefits students and industry.

"When you work on a project at a company, you need to have all experience levels and different disciplines involved. Similarly, you can't have something like DIF without real collaboration. Students in all disciplines will benefit," said IT Advisory Board member Sondra Barbour, who endowed the Persson-Barbour scholarship. Barbour is a Temple alumna and former Executive Vice President, Information Systems & Global

Solutions at Lockheed Martin, and serves on the boards of 3M and Perspecta. "That is a real selling point for industry to work with DIF. You have, in essence, the entire breadth of the university to pull from. This is also a way to ensure we're sending our graduates out into the corporate world with an experience of collaborating across disciplines."

A March 18 ribbon-cutting for DIF's Capgemini Digital Innovation Lab will officially open a tech co-working space on campus. Students, faculty, and external partners can gather at the Lab to collaborate on projects, and assess demonstrations of new innovations.

"The mission of the Foundry is closely aligned with Capgemini Invent's focus on digital innovation and transformation so we are pleased to invest in the new Capgemini Digital Innovation Lab at Temple University. We are confident that the Foundry will further generate digital innovation at Temple and in the region," said Jonathan Brassington, the head of Capgemini Invent, an IBIT Member. Global consulting firm Capgemini started Capgemini Invent in 2018 specifically to help clients with digital transformation strategies.

Niraj Patel, an IT Advisory Board member and the donor behind DIF's Niraj and Cara Patel Endowed Scholarship Fund, appreciates DIF's alignment with current industry goals.

"Technology will transform every industry. It is exciting to support an initiative that will engage all of Temple's disciplines to produce digital innovation," said Patel, who is Managing Director at DMI.

Over a year in the making, DIF offers a chance for industry professionals to step back from day-to-day business demands and envision future innovation. DIF intentionally differs from the business incubator model to allow teams of students, professors, and industry professionals to collaborate on long-term digital innovation projects that focus on the technology first — while still working with a blended mindset of academic research and creative thinking.

"Having been on the corporate side for 30-plus years primarily as a Chief Information Officer, I'm well aware that the pressure to constantly make sure there's a return on investment is very large," said Bruce Fadem, IT Advisory Board Chair and sponsor of DIF's Bruce and Betsy Fadem Endowed Scholarship Fund. "So for corporations to be able to take advantage of a facility that already exists, this is a great opportunity." As the chair of the advisory board, Bruce led the effort to create the foundry.

All of DIF's generously funded endowed scholarships will ensure that top-performing students receive necessary financial support. "I believe the scholarship will help attract stronger students and give those students who deserve an education at Temple an opportunity," said Barbour.
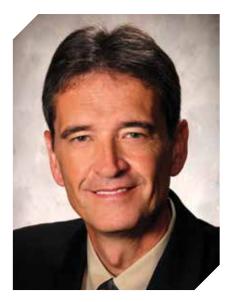
Andrea Anania Stewart's donation created DIF's Stewart Family Endowed Scholarship Fund, and she said she is looking forward to seeing what DIF yields. "The Digital Innovation Foundry has a practical, well-thought-out plan to engage students, industry, and faculty, which I am pleased to support," said Stewart, who is also on the IT Advisory Board. IBIT's IT Advisory Board and Members — including Alexion, AmerisourceBergen, Emtec, NBCUniversal, Pfizer, QVC, and Scholastic — played an important role in bringing this unique capability to Temple.

When it comes to DIF's future success, Barbour said for her, it's not necessarily about one splashy breakthrough: "For me, it's the learning and it's the figuring out how you take a technology, turn it on its side, create different things, look at the use cases, and really broaden students' exposure to the realm of possibility."

> **"THAT IS A REAL SELLING POINT FOR INDUSTRY TO WORK WITH DIF. YOU HAVE, IN ESSENCE, THE ENTIRE BREADTH OF THE UNIVERSITY TO PULL FROM. THIS IS ALSO A WAY TO ENSURE WE'RE SENDING OUR GRADUATES OUT INTO THE CORPORATE WORLD WITH AN EXPERIENCE OF COLLABORATING ACROSS DISCIPLINES."**
>
> **Sondra Barbour**
> **IT Advisory Board Member**

ANNUAL **INFORMATION TECHNOLOGY AWARDS**

Congratulations to the winners of the Leader, Innovator and Distinguished Alumni awards, chosen by a committee of leaders and previous honorees for their remarkable accomplishments in information technology.

IT LEADER AWARD

Recognizing leadership in the use and development of IT in business

John Turner
Vice President & CIO, Information Technology

3M

IT INNOVATOR AWARD

Recognizing innovation in applying IT to create business opportunity

James Rhee
Executive Chairman & Chief Executive Office

Ashley Stewart

IT AWARD FOR DISTINGUISHED ALUMNI

Recognizing a distinguished career in IT and a contribution to the community, industry or Temple University

Dave Kotch
Vice President & Chief Information Officer

FMC Corporation

BREAKING RECORDS

IN 2018, WE HAD THE LARGEST ATTENDANCE EVER AT THE ANNUAL IT AWARDS RECEPTION WITH A RECORD-BREAKING **422 ATTENDEES.**

SCHOLARSHIPS

Every year, IBIT—along with several corporate partners—offers support and encouragement to promising students with a series of scholarships. Winners are celebrated at the Annual IT Awards Reception.

IT ADVISORY BOARD SCHOLARSHIP

The IT Advisory Board Scholarship recognizes exceptional Management Information Systems (MIS) students with **$5,000 tuition scholarships.** Students must excel academically with a cumulative GPA of 3.7 or higher and must impress the committee with their potential for achievement and accomplishment, shown through an essay and letter of recommendation from a Temple faculty member or administrator.

IBIT CORPORATE SCHOLARSHIPS

The IBIT Corporate Scholarships recognize exceptional future MIS students with **$5,000 tuition scholarships**. Again, students must excel academically and impress the committee with their potential for achievement and accomplishment. Below are the corporations that currently offer IBIT scholarships.

2017-2018 YEAR IN REVIEW

5TH ANNUAL IT CAREER FAIR

Each year, the Information Technology Career Fair connects high-performing students interested in internships and jobs with top employers looking to recruit graduates of the MIS, IT Audit and Cyber-Security, Information Technology Management, Digital Marketing and ITIE programs. Highlights from the 2017 fair included:

+ 32 firms raised over $10,000 in scholarships.

+ 260 students attended.

Photo by Joe Allegra

5TH ANNUAL TEMPLE UNIVERSITY QVC ANALYTICS CHALLENGE

The Fifth Annual Temple University QVC Analytics Challenge, which was open to all Temple students and featured problems and data sets from QVC, Pfizer and NBCUniversal, culminated in November of 2017 with student presentations and an awards ceremony.

Students won prizes of **$500 to $2,500** out of a total pool of **$12,000**. **VS Narayan**, Vice President of Business Planning & Analysis at QVC, was the featured speaker and assisted in presenting the awards.

There were 582 entries from 10 different schools across the University, including College of Liberal Arts and Engineering and Tyler.

The challenge is organized by **Laurel Miller**, Director of IBIT, **Steven Sclarow**, Assistant Professor, MIS, and **Jacklin Altman**, Assistant Director, IBIT.

> *To learn about the Analytics Challenge visit analyticschallenge.temple.edu.*

SYMPOSIUM ON COGNITIVE COMPUTING, ARTIFICIAL INTELLIGENCE, AND ANALYTICS

In November of 2017, 100 local and national experts gathered at Temple University for the "The Practical Path Forward: Cognitive Computing, Artificial Intelligence, and Analytics" symposium, an event organized by IBIT. Highlights from the event included:

+ Keynote speaker **Jeff Hamilton**, Senior Vice President of Pfizer, demonstrated how AI is in action today at Pfizer and other firms in improving healthcare such as physician interaction, patient adherence, and access.

+ **Jeff Szuba**, Vice President of Analytics at NBCUniversal and voted by attendees as one of the symposium's highest-rated speakers, showed how analytics is driving consumer engagement using scalable data foundations in the media industry.

+ Speakers from DARPA, Alexion, QVC, LiquidHub, AmerisourceBergen, Comcast, Aetna and MuHu covered topics such as cognitive networking, infrastructure, consumer personalization and real time insights, and AI self-service platforms.
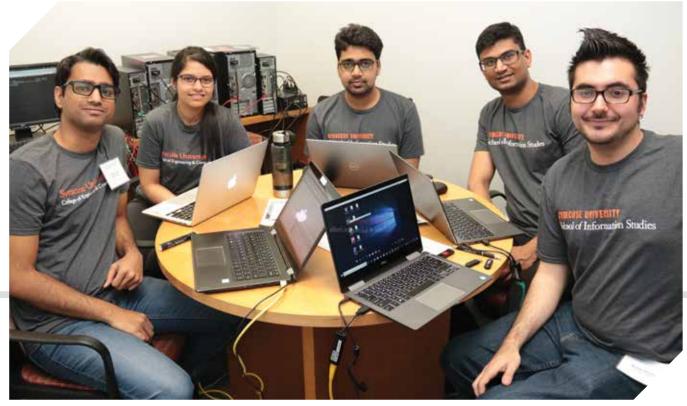
Photo by Joe Allegra

NATIONAL CYBER ANALYST CHALLENGE AND CONFERENCE

In April of 2018, a panel of industry experts chose 10 university finalists for the 2018 National Cyber Analyst Challenge (NCAC), an interdisciplinary competition supporting top students pursuing cyber-related degrees in the nation's leading programs. Powered by NBCUniversal, Leidos, Pfizer, Vanguard and administered by IBIT, the competition sent the 10 teams to Phase 2 Advanced Cyber-Training and the subsequent Phase 3 Finals at Temple University on April 12-13, 2018.

The competition, which was developed to enhance students' skills and inspire them to pursue careers in cyber security, focuses on analysis, threat identification and mitigation planning. The three-month, multi-phased project provides a fictitious cyber incident; teams submit a C-level presentation analyzing the incident and providing recommendations. Judges score contenders on technical proficiency, judgment and communication.

The finalists were Brigham Young University, Carnegie Mellon University, Howard University, Iowa State University, University of Alabama at Huntsville, University of Maryland University College, University of New Haven, and Villanova University. Syracuse University was the overall winner and recipient of a $20,000 prize aimed at supporting the development of students, faculty and curriculum. Penn State University was the runner up and received a $5,000 prize.

The associated conference engaged faculty and industry experts from Pfizer, NBCUniversal, Vanguard, Amazon, University of Delaware, University of Alabama, Carnegie Mellon, Temple University and others.

The keynote speakers included: Kim Basile, Senior Vice President and Chief Information Security Officer of Leidos and Michael Bradshaw, Executive Vice President and Chief Information Officer of NBCUniversal. The presenters discussed cyber research and curriculum challenges and opportunities.

SPONSORS

Vanguard   COMCAST NBCUNIVERSAL   leidos   Pfizer

To learn more about the challenge and conference, visit cyberanalystchallenge.org.

IBIT ORGANIZED NBCUNIVERSAL ANALYTICS CHALLENGE AT NATIONAL AIS STUDENT CONFERENCE AND COMPETITION

IBIT organized the NBCUniversal Analytics Challenge at the Ninth Annual Association for Information Systems (AIS) Student Chapter Leadership Conference and Competition at the University of Texas at Dallas. Notable details include:

+ The contests included entrants from across the U.S. and abroad, including the universities of Alabama, Georgia, Michigan, Colorado, and Temple; Saudi Arabia's Prince Sultan University and the University of Gdansk in Poland.

+ Temple University will host the 2019 conference.

IBIT MATCHES STUDENT TEAMS WITH INDUSTRY EXECUTIVES TO CREATE PROJECTS ON **ANALYTICS, MATCHING, PROCUREMENT, BIOMETRICS, & CONTACT MANAGEMENT**

In both the fall and Spring semesters, cohorts of Seniors presented their final projects which marked the culmination of their learnings in the MIS program.

In the Fall, the showcase featured ten teams of seniors who presented projects on everything from automated grocery store checkout to a better way to find events in the area. The winning team, which was selected by a panel of industry experts and Temple faculty, designed a platform for engineers to procure and track equipment for universities and makerspaces. The platform uses digital forms and cloud technology to procure lab equipment transparently. Mentored by Chris Cera, CEO of Arcweb Technologies, the team behind 'sandbox' of Shawn Niederriter, Ed Lahm, Zach Trona, and Ken Fong received a $500 prize.
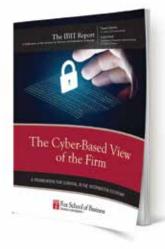
From streamlining the dining experience to changing the way families care for ailing loved ones, the Spring MIS Capstone Showcase demonstrated the transformative impact of

technology. Nine teams of seniors from three classes, as selected by their professors, presented their final projects.

The winning team, which was selected by a panel of industry experts and Temple faculty, designed an application geared toward urbanites looking for an enjoyable night out. The app uses real-time data to give insight into the crowd and experience at a given location, while also acting as a marketing tool for bar owners. Mentored by Sondra Barbour, Member of the Board of Directors at 3M, Bridgette Brodnyan, Sean Dougherty, Kevin Lynch, and Marlea Tremper took home the prize for best project of the night.

THE *IBIT REPORT*

The IBIT Report provides actionable knowledge to industry based on rigorous academic research. Reports—written by academic and industry experts and reviewed by an industry editorial board—focus on a topic important to IBIT members.
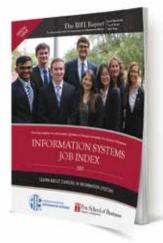
THE CYBER-BASED VIEW OF THE FIRM

Tamara Schwartz and David Schuff

Evolved from the integration of Information Security, Knowledge Management, and Social Engineering ideas, the Cyber-Based View is intended to leverage existing firm resources for the purpose of building an adaptive cyber capability.

Despite the persistent growth of automation and digitization, there does not currently exist a strategic view of the firm that explores the integration of the organization and cyberspace. To be clear, the Cyber-Based View (CBV) is not cybersecurity. Cybersecurity is tactical. It is a computer science approach, using a one-to-many tactic to build hard boundaries. In order to engage rivals in the relentlessly fluid environment of rapid growth and metastasizing threat that is cyberspace, firms require an adaptive, strategic cyber capability that understands weaponized information.

INFORMATION SYSTEMS JOB INDEX 2017

Munir Mandviwalla, Crystal Harold and Maria Boggi

Ongoing national initiative led by Temple to collect job placement data from the top schools in the nation.

Guided by a high level advisory council, the 2017 IS Job Index was published with data from 34 universities and 2100+ recent graduates. The report is then distributed nationally to over 5000 academic and industry contacts, and http://isjobindex.com serves as a resource for prospective students and parents nationally.

*Read the IBIT Reports at **ibit.temple.edu/ibit-report***

2018-2019

LOOKING AHEAD

6TH ANNUAL TEMPLE UNIVERSITY NBCUNIVERSAL ANALYTICS CHALLENGE

APPOINT NEW EXECUTIVE-IN-RESIDENCE

PUBLISH THE 2018 IS JOB INDEX

DIGITAL INNOVATION FOUNDRY

GROW IBIT WITH SMALL-COMPANY AND LARGE-COMPANY MEMBERSHIP

HOST 19TH ANNUAL **IT AWARDS**

ADD **NEW MEMBERS** TO IT ADVISORY BOARD

AWARD IT ADVISORY BOARD AND IBIT CORPORATE **SCHOLARSHIPS**

NATIONAL NBCUNIVERSAL **ANALYTICS CHALLENGE**

PUBLISH NEW **IT JOURNAL**

6TH ANNUAL IT **CAREER FAIR**

IBIT **STAFF**

JACKLIN ALTMAN

Assistant Director

Jacklin is Assistant Director of IBIT and assists in managing external partnerships and professional development programs, as well as acting as an interdepartmental liaison.

Contact Jacklin at
Jacklin.Altman@temple.edu

MUNIR MANDVIWALLA

Executive Director

Munir is Executive Director of IBIT and provides strategic leadership on programs and relationships.

Contact Munir at
Munir.Mandviwalla@temple.edu

LAUREL MILLER

Director

Laurel is Director of IBIT and manages external relations and programs, including the IT Awards, IBIT memberships, and *The IBIT Report*.

Contact Laurel at
Laurel.Miller@temple.edu

ABOUT *IBIT*

The Institute for Business and Information Technology (IBIT) provides cutting-edge knowledge and valuable connections to sustain excellence in information technology. IBIT integrates industry perspectives with academic research expertise to create forums for generating and exchanging best practices.

IBIT membership offers participating corporations the opportunity to leverage our knowledge, human capital, relationships and established network.

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