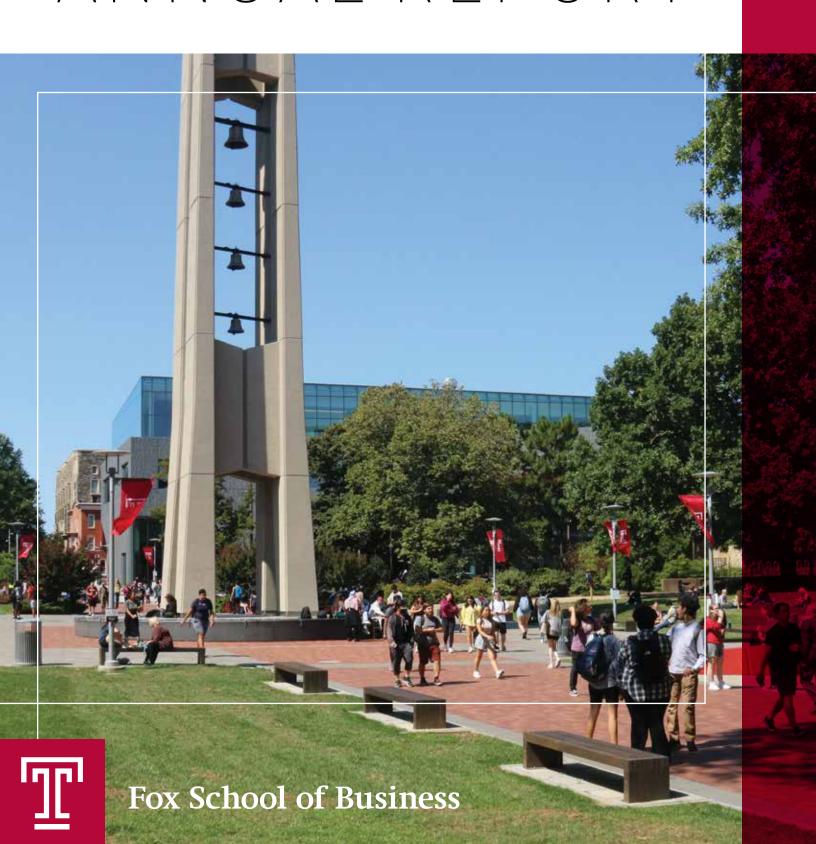


### 2021-2022

# ANNUAL REPORT



### a message from

# THE EXECUTIVE DIRECTOR I



The Institute for Business and Information Technology (IBIT) in partnership with our corporate members and the Advisory Board led by Bruce Fadem, generates knowledge and human capital for the digital era.

Post pandemic, employee development has become a major topic. The digital transformation of workforce development summit on March 25, 2022, focused on reimagining workforce development and featured board members Dinesh Desai, Niraj Patel, and Mark Spykerman as keynote speakers. The workforce theme is echoed in the upcoming Information Systems Job Index report – which will provide a comprehensive national assessment of the IS job market.

The Digital Innovation Foundry expanded operations and is working on several exciting digital transformation projects. The upcoming case featuring board member George Llado, tells the story of how to apply co-innovation to achieve digital transformation.

IBIT is pleased to welcome Vince Ford and Jignesh Patel as new board members and to continue our long association with Atish Banerjea, Michael Bradshaw, Christopher Kearns, and Sondra Barbour, who spent the day with us as part of the executive-in-residence program.

We also celebrated our 20th Anniversary and are grateful for your continued support. We look forward to continuing the path to impacting business and society this coming year.

Munir Mandviwalla

**Executive Director** 

 $Institute\ for\ Business\ and\ Information\ Technology$ 

Munis y Manduw-1/a

# ibit ADVISORY BOARD



The Advisory Board and corporate sponsors in partnership with IBIT generates knowledge and human capital for the digital era. The board is chaired by **Bruce Fadem**, retired VP and CIO, Wyeth. The board meets three times a year and has the following goals and responsibilities:

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



Andrea
Anania Stewart
Retired EVP & CIO
CIGNA



Atish Banerjea CIO Meta



Sondra
Barbour
Member, Board of
Directors
AGCO & Perspecta



**Satbir Bedi** Advisor



Himesh Bhise Advisor



Michael Bradshaw CIO Kyndryl



Jonathan A. Brassington EVP, Digital Customer Experience Capgemini



Chris
Cera
CEO
Arcweb Technologies



Dinesh
Desai
Executive Chairman & Founder
Emtec, Inc.



Larry
Dignan
Editor-in-Chief
Celonis



Ford SVP Curtis Institute of Music



Jeff Hamilton SVP Pfizer Digital



Christopher Kearns Division VP Corning



George Llado Board of Directors Charles River Laboratories



Jignesh
Patel
SVP, Information
Technology
AmerisourceBergen



Niraj Patel CIO Greystone



Raghu Sankaran CIO & CISO Scholastic, Inc.

2021-2022

# ATA • GLANCE

BY THE NUMBERS

#### 2 NEW AND 16 CONTINUING IBIT ADVISORY BOARD MEMBERS

page 1

#### 3 NEW AND 6 CONTINUING IBIT SPONSORS

page 5

THE IBIT ADVISORY
BOARD HELD
2 MEETINGS
LAST YEAR
ON KEY TOPICS

page 16

THE IBIT MENTORSHIP
PROGRAM MATCHED

20 INDUSTRY EXECUTIVES
TO
51 STUDENTS

page 21

#### \$20,000 IN IBIT SCHOLARSHIPS

AWARDED TO STUDENTS

page 18

THE 9<sup>TH</sup> ANNUAL IT CAREER FAIR ATTRACTED

24 EMPLOYERS AND 162 STUDENTS

page 20

HOSTED THE

DIGITAL

TRANSFORMATION OF

WORKFORCE DEVELOPMENT SUMMIT

page 9

# HOSTED THE 20<sup>TH</sup> ANNUAL IT AWARDS

RECEPTION FEATURING 275
PARTICIPANTS

page 14

INAUGURATED THE DIGITAL INNOVATION AWARD

WITH TWO PRIZES

page 21

HOSTED EXECUTIVE IN RESIDENCE

page 17

# IBIT SPONSORS

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

- + Commission projects involving world class faculty and students as part of the Digital Innovation Foundry
- + Featured in published case studies
- + Leverage The IBIT Report a white-paper publication on relevant topics
- + Customized corporate education and professional training programs
- Featured roles at major events and symposiums
- + Featured in student challenges and competitions and special projects, such as the national Information Systems
  Job Index
- + Professional development opportunities, including speaking in classes, exclusive workshops, and engaging in curriculum design
- + Assistance with recruiting, including special events
- Mentor students as part of the IBIT Mentoring program
- Present named scholarships to students
- + Visibility on campus and in the profession sponsors are showcased on all materials
- + Select executives are invited to serve as Executives-in-Residence
- + Select qualified individuals are invited to serve on the IBIT advisory board
- + Featured at the IT Awards, an annual celebration and evening of recognition

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

# meet our SPONSORS

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



#### board member

# SPOTLIGHT

#### Meta CIO Atish Banerjea, IBIT Advisory Board Member



#### ATISH BANERJEA

#### CIO, Meta

As Meta CIO, Atish Banerjea makes sure that 77,800 employees in more than 80 countries have the tools they need to accomplish their goals. "All Meta employees use our services, so our scale and opportunity to make an impact are boundless," he says.

Banerjea's team also supports Meta commerce and releases products to Workplace, a platform used by tens of thousands of organizations to facilitate collaboration.

Due to their far and deep reach, they rebranded several years ago, from the more traditional IT label to Enterprise Engineering (EE).

"The build culture of the EE function is what allowed us to not only keep the lights on during the pandemic, but create an environment where every employee could thrive and feel connected and supported – no matter where they were," he says. Solutions included industry-first enterprise AR/VR video-conferencing tech.

In 2013, Banerjea's career accomplishments earned him the Distinguished Alumni award from Fox School of Business. As an IBIT Advisory Board member for the last eight years and Business Executive in Residence, Banerjea has guest lectured and mentored individual students. He aims to share what he has learned working at Pearson, Dex One, NBCUniversal, and Meta.

"Connecting with students who come from diverse backgrounds and bring different perspectives to our industry is really invigorating and energizing, and I am passionate about supporting these students in their careers," Banerjea says.

Among the lessons he imparts: Centering people when building mission-critical technology; maintaining flexibility; and always being adaptable.

"Board memberships are important to me, as I believe they are an excellent opportunity to learn in new ways and support both individual and company growth. They expand the level of impact a CIO can have — both inside your own organization and beyond it," Banerjea says. "The future of work will play an important role for us all, and weaving these lessons into the curriculum is essential to securing the prospects of the workforce of tomorrow."

#### board member

# SPOTLIGHT

Kyndryl CIO Michael Bradshaw, IBIT Advisory Board Member



#### MICHAEL BRADSHAW

#### CIO, Kyndryl

Michael Bradshaw thinks of Temple as his adopted collegiate home. The University of North Carolina alumnus says IBIT has been a welcoming place where he can channel his passion for mentoring students and young professionals.

Around 2011, he learned about the IBIT Advisory Board from member Sondra Barbour, when they worked together at Lockheed Martin. When he moved on to NBCUniversal, where he was executive vice president and CIO and oversaw tech infrastructure, applications, and IT strategy, Bradshaw regularly engaged with students through a robust internship program. Several of them eventually hired into the media and entertainment giant, he notes.

He says he appreciates being able to influence IBIT's curriculum, to help ensure students get a well-rounded foundation and graduate prepared to forge successful careers.

"IBIT is equipping people to go out into the workforce and be viewed as attractive to prospective employers, and also to have the potential to immediately be more productive than others who haven't had the breadth of exposure to different disciplines," Bradshaw says.

He became CIO of IBM spinoff Kyndryl, an IT infrastructure services provider, in May 2021. He and his colleagues have a complex challenge: standing up all the business systems they need – from accounts payable to contracting – in just 24 months. They've already accomplished a speedy deployment of Microsoft 365. Bradshaw estimates most enterprises would have taken about eight to 10 months just to plan what they implemented in four months.

"I view this as a capstone job assignment," Bradshaw says of his Kyndryl work. "I'm getting the opportunity to do something that very few CIOs do, which is completely remake the IT ecosystem in partnership with my business colleagues who look to me as an equal partner. I tell my boss, our CEO, who is also a Temple alum by the way, I can't imagine doing another job after this that would be this combination of all these things. That makes it so exciting to come into work every day."

7

# 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*.



### the digital transformation of

### WORKFORCE DEVELOPMENT SUMMIT

The digital transformation of workforce development summit on March 25, 2022, at Temple University was a major success!



The summit featured **Dinesh Desai**, Executive Chairman and Founder, Emtec, Inc., **Ben-Saba Hasan**, SVP, Chief Culture Diversity Equity & Inclusion Officer, Walmart, Inc., **Jenn Nyiri**, VP, Comcast NBCUniversal, **Niraj Patel**, CIO, Greystone, **Mark Spykerman**, CIO, AmerisourceBergen, and **Jenn Warne**, EVP, Chief People Officer, Lincoln Financial Group as keynote panelists. The event was sponsored by Emtec Inc.

Given the change in work, there is now renewed interest in reimagining workforce development, especially the role of onthe-job training, professional development, and the workforce development ecosystem. The event focused on development and engagement, inclusion, measures, best practices, and

how employee / employer relationships will get transformed through digitization. The summit focused on digital solutions to develop the workforce and on measuring success.

Provost Gregory Mandel and Dean Ronald Anderson kicked off the event, which was moderated by Leora Eisenstadt, Munir Mandviwalla, and TL Hill.

The Institute for Business and Information Technology (IBIT), Center for Ethics, Diversity and Workplace Culture (CEDWC), and the Translational Research Center (TRC) organized and hosted the summit.





#### digital

# INNOVATION FOUNDRY

The Digital Innovation Foundry (DIF), housed in the Institute for Business and Information Technology, focuses on digital transformation and innovation projects.

DIF works on industry projects, faculty research, and student entrepreneurial ideas. Faculty and students across all of Temple's schools receive grants to work on projects. Students receive scholarships from the Persson-Barbour, Stewart Family, Bruce and Betsy Fadem, and Niraj and Cara Patel endowments.

DIF partnered with Temple University's Innovation and Entrepreneurship Institute to present Digital Innovation Awards to submissions in the Innovative Idea Competition, and to support deserving entries from the BYOBB competition.



# THE FOLLOWING ARE SAMPLE DIF PROJECTS THAT ARE CURRENTLY UNDERWAY:

- AmerisourceBergen Apply IOT, tagging, and open-source technologies
- + Agora World Develop metaverse use cases
- Kuaay Apply APIs to enable digital C2C car sales
- My Pocket Gallery Simplify purchase and sharing of art using NFT and blockchain technology
- Temple Dental School Apply the PRO platform to develop students

DIF is pleased to announce that **PRO Community LLC** is now an official Temple University spin-off company. PRO is a real-time human development platform that motivates and measures student and employee engagement. The DIF team worked closely with Steve Nappi, Associate VP, Technology Commercialization and Business Development on the spin-off.

Learn More at: https://procommunityplatform.com



#### case studies

### 2021-2022

The IBIT case program generates practical knowledge on digital transformation. Intended to fill critical gaps in existing knowledge, IBIT cases provide rich and relevant insights to highlight the rapid evolution of digitalization, and how firms adapt and evolve.

Cases provide impactful knowledge to use in classes to train the next generation workforce and influence scholarly research. **The following is a preview of a forthcoming case:** 

# ALEXION: DIGITAL CO-INNOVATION ACCELERATES THE APPLICATION OF ANALYTICS

In 2015, Alexion hired George Llado as senior vice president and chief information officer. Llado brought 25 years of experience acquired at Merck & Co., Inc., the big pharma where he had served in several leadership roles, including vice president of IT, manufacturing, and supply chain. As Llado was scaling and systemizing IT operations, he realized that big data and analytics could play a transformational role in identifying customers to accelerate sales growth and realize the mission to save lives. Because Alexion's focus was on rare diseases, identifying patients often meant saving or dramatically improving quality of life. He wondered if analytics enabled through cloud computing, a new kind of data platform, and betting on technology startups could accelerate patient identification.

#### the following cases are in-progress

- + The Digital Transformation of Scholastic, Inc
  - How the world's largest publisher of children's books is digitally transforming to meet its mission of developing children's literacy and personal growth.
- + Emtec: Culture and co-innovation as the upstream future for midmarket firms

  How Emtec, Inc, a mid-market digital services and reseller firm, evolved to co-innovate digital solutions with its customers.
- Meta: Digitally transforming workforce management at scale and with agility
   How Meta digitized its office centric culture to adapt to the pandemic and set the stage for the future of work.

A typical case of 5-8 pages will present a story of how a participating firm addressed a particular challenge or opportunity. Cases are crafted to focus on one or more of the following:

Cases are published in academic journals or by Ivey Publishing (Richard Ivey School of Business, Ontario, Canada).

Established in 1923, Ivey is a global clearinghouse with about 8,000 case products. Temple University, Fox School of Business, has established a formal co-branding relationship with Ivey for its cases.



### information systems

### JOBINDEX 2022

The upcoming **2022 Information Systems Job Index** reports that salaries and placement of information systems job market entrants continues to rise and outpace average business school graduate salaries.

The IS Job Index, now in its fifth biennial iteration, and sponsored in 2022 by Meta, surveyed 1,408 bachelor's and master's in Information Systems graduates from 36 universities across the United States. The 2022 index, forthcoming in The IBIT Report, found that salaries are red hot, a bachelor's IS labor market entrant commands an average salary of \$75,517, while master's graduates average \$94,839.

IS salaries are significantly higher than the average Business School Bachelor salary of \$57,186, outpacing majors such as Finance, Accounting, and Marketing. Similarly, the average IS Master's salary outpaces the average Business School Master's graduate salary of \$78,545 and of majors such as Finance, Accounting, and Marketing<sup>1</sup>.

The IS Job Index offers invaluable data for employers and is very relevant for today's competitive job market, says Bruce Fadem, IBIT advisory board chair. "The results provide insights into why students accept or reject offers," he said, "the mobility of new hires from one region to the next is interesting and the data on diversity is important."

"The report shows that IS jobs pay exceedingly well, IS job market entrants are well-trained, and that they are excited about starting their career," said index founder and co-author Munir Mandviwalla, Professor and Executive Director of the Institute for Business and Information Technology.

#### highlights of the full report

SALARIES BROKEN DOWN BY REGIONS AND JOBS:

PACIFIC AND NEW ENGLAND REGIONS PAY THE MOST

WHY JOB MARKET
ENTRANTS ACCEPT AND
REJECT OFFERS:
THE FAIRNESS
OF THE PROCESS
IS THE MOST IMPORTANT

REASON TO ACCEPT

POPULARITY OF JOB TYPES: CONSULTANT ROLES

ARE INCREASING WHILE ANALYTICS
IS DECREASING

DEMOGRAPHICS AND DIVERSITY:
PERCENTAGE OF **FEMALES**IS INCREASING

MOBILITY: MID-ATLANTIC AND PACIFIC ATTRACT THE HIGHEST PERCENTAGE OUTSIDE THEIR REGION

The IS Job Index is produced by Temple's Institute for Business and Information Technology in partnership with the Association for Information Systems. Since 2013, it has been the only systematic and comprehensive national assessment of the IS job market. It examines and produces data about placement, salaries, preparedness, demographics, job satisfaction and search strategies.

The 2022 IS Job Index is co-authored by Dr. Munir Mandviwalla and Dr. Michael Dinger, University of South Carolina Upstate, who is new to the team. Brianna Anderson, Fox BBA MIS'23 served as the Research Assistant.

The complete report will be available in October 2022 from https://isjobindex.com





# 20<sup>th</sup> annual

The 20<sup>th</sup> Annual IT Awards celebrated **20** years of excellence and successes of the Management Information Systems Department (MIS) and the Institute for Business and Information Technology (IBIT) on April 14, 2022. A photobook commemorated the anniversary featuring pictures of the last 20 years.

The event featured the IBIT Lifetime Achievement Award for Bruce Fadem, founding Chair, IT advisory board, Retired VP and CIO, Wyeth. Bruce was recognized for founding the IBIT Advisory Board, playing a major role in keeping the MIS curriculum up-to-date, student scholarships, and for working with IBIT to develop a worldwide reputation in industry-academic engagement. A committee of IBIT and MIS personnel selected Bruce for the award.

Michael Luckenbill, Technology Manager, Capgemini, Fox MIS alum '08 was recognized with the MIS 20th Anniversary Alumni Award. Michael founded the MIS student organization, which became the template for Association for Information Systems (AIS) student chapters worldwide, speaks regularly in classes, mentors students, reviews curriculum, and provides advice on current industry trends. A committee of IBIT and MIS personnel selected Michael for the award.











Laurel Miller, Associate Professor and IBIT Director, received the IBIT Lifetime Achievement Award for playing a major role in creating the National Cyber Analyst Challenge, Temple and National Analytics Challenges, mentoring program, career fair, sustaining and growing the IBIT relationship with industry, and the IT awards. The entire IBIT IT advisory board selected Laurel for the award.

**David Schuff,** Professor and Chair of MIS, received the IBIT Lifetime Achievement Award for creating the Temple and National Analytics Challenges, serving as editor-in-chief of the IBIT Report and as Research Director for industry projects, and leading programs that generate industry relevant talent. The entire IBIT IT advisory board selected David for the award.

The carnival themed event was attended by students, alums, faculty, staff, deans, and the IBIT advisory board.







#### executives

# IN RESIDENCE

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



Jeff Hamilton Senior Vice President Pfizer Digital Appointed 2017



Michael Bradshaw CIO Kyndryl Appointed 2017



Dale Danilewitz
Retired EVP & CIO
AmerisourceBergen
Appointed 2016



Atish Banerjea CIO Meta Appointed 2015



Ben Hasan SVP & Chief Culture, Diversity, Equity & Inclusion Officer Walmart Appointed 2014



Sondra Barbour
Member, Board of Directors
AGCO Corporation & Perspecta
Appointed 2010



Niraj Patel CIO Greystone Appointed 2011

#### 2021-2022 board meeting topics

### THE IBIT ADVISORY BOARD HELD TWO MEETINGS DURING THE YEAR, COVERING A WIDE RANGE OF SUBJECTS INCLUDING:

- + The national growth rate in digitization
- + Workforce Development Summit
- + Small Business & Non-Profit Digital Transformation
- + IS Job index
- Digital Innovation Foundry projects



#### SONDRA BARBOUR

#### executive-in-residence

# 

Sondra Barbour is Executive-in-Residence at the Institute for Business and Information Technology (IBIT) and was at Temple all day on November 11, 2021 engaging with students.

Barbour is also the inaugural recipient of the **Information Technology award for Distinguished Alumni in 2005** and helped start the **Executive-in-Residence program.** She currently serves on the Board of Directors for AGCO Corporation and Perspecta and was selected by Fortune magazine as one of the "50 Most Powerful Women in Business" in 2014.



# 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**.

#### **IBIT CORPORATE SCHOLARSHIPS**

The IBIT Corporate Scholarships recognize exceptional students with **\$5,000 tuition scholarships**.

Students must excel academically and impress the committee with their potential for achievement and accomplishment.

#### **DIGITAL INNOVATION FOUNDRY (DIF) SCHOLARSHIPS**

The Digital Innovation Foundry (DIF) generates digital innovation by assessing, integrating, and prototyping digital technologies. Students who work on a project in DIF receive one of four scholarships.

Persson-Barbour Family Endowed Scholarship

**Bruce and Betsy Fadem Endowed Scholarship** 

**Stewart Family Endowed Scholarship** 

Niraj and Cara Patel Endowed Scholarship

#### **IBIT SCHOLARSHIP RECIPIENTS**

The Institute for Business and Information Technology announce this year's scholarship recipients.



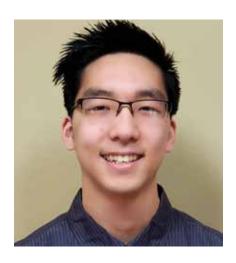
Beth Whitehead IBIT Pfizer Scholarship



Sevgi Sivri IBIT Scholastic Scholarship



**₩**SCHOLASTIC



Austin Yun
IBIT Emtec Scholarship



Lucas Winslow
IBIT Alexion Scholarship





# 2021-2022 | YEAR IN REVIEW

# 9<sup>TH</sup> 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.

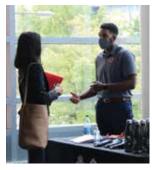
Highlights from the 2021 fair included:

#### **ENGAGEMENT**

- + 24 employers
- + 162 students









#### staff updates

**Laurel Miller** was promoted to Associate Professor and received the Fox School IMPACT award.

**Manoj Chacko** received his MBA in May 2022 and received the Fox IMPACT award.

**Munir Mandviwalla** was appointed Milton F. Stauffer Senior Research Fellow, and received the Fox School IMPACT award, Temple University Stauffer Award for Distinguished Faculty Service, and Association for Information Systems Technology Challenge Award.

#### MENTORING PROGRAM

The goal of the IBIT mentoring program is to **match experienced executives with students.** The senior executives are usually members of the IBIT Advisory Board, employees of IBIT sponsor firms or alumni. The role of the mentor is to provide guidance and coaching to students augmenting the existing professional development resources, which includes providing ideas/feedback and serving as a sounding board for challenges and problems.

The benefit for mentors is the opportunity to engage with students, and the benefit for students is to leverage the experience of senior executives. The IBIT mentoring program is chaired by Sondra Barbour, member of the IBIT Advisory Board.

#### **ENGAGEMENT**

+ 51 students + 20 mentors









#### mentors

#### Atish Banerjea

CIO, Meta

#### **Bruce Fadem**

Retired VP & CIO, Wyeth

#### **Sondra Barbour**

Board of Directors, AGCO & Perspecta

#### Sukumar Narayanan

President, DecisivEdge

#### Andrea Anania

Retired EVP & CIO, Cigna

#### **Chris Kearns**

Division VP, Corning

#### **Larry Dignan**

Editor in Chief, Celonis

#### **Jeff Hamilton**

SVP, Pfizer Digital

#### Dinesh Desai

Executive Chairman & Founder, Emtec

#### Chris Cera

CEO. Arcweb

#### Rich Rivara

CEO, WAVE6

#### **Craig Conway**

Global Head of Modern Banking Technology and Delivery, FIS

#### **Greg Meyers**

EVP & Chief Digital & Technology Officer, Bristol Myers Squibb

#### Michael Luckenbill

Technology Manager, Capgemini

#### Vince Ford

SVP, Curtis Institute of Music

#### Satbir Bedi

Retired EVP & CTO, Scholastic

#### Niraj Patel

CIO, Greystone

#### **Jerry Thomas**

VP, IT Data & Analytics, AmerisourceBergen

#### Neil Mundell

VP, Corporate IT, AmerisourceBergen

#### **Dave Woodson**

Director, KPMG

# AGORA WORLD AND LOGIXCXT WIN DIGITAL INNOVATION AWARDS

The Digital Innovation Foundry is pleased to announce that Agora World and LogixCxt are recipients of the inaugural Digital Innovation Award in partnership with Temple University's Innovation and Entrepreneurship Institute (IEI) 24th Annual Innovative Idea Competition.

Each awardee will receive \$1,000, mentorship to develop their idea for the Be Your Own Boss Bowl (BYOBB) in Spring 2022, access to the DIF lab, and additional resources to develop their idea. The Digital Innovation Award is open to all Temple University students, alumni, faculty and staff.

# 2022-2023 • LOOKING AHEAD

### DIGITAL INNOVATION FOUNDRY

PROJECTS AND PARTNERSHIPS

#### **EXPAND** IBIT MENTORING PROGRAM

GENERATE DIGITAL TRANSFORMATION CASE STUDIES FEATURING PARTNERS DIGITAL INNOVATION FOUNDRY SHOWCASE

**GROW** IBIT WITH SMALL-COMPANY AND LARGE-COMPANY SPONSORSHIP

PUBLISH 2022 IS JOB INDEX

# AWARD IBIT CORPORATE SCHOLARSHIPS

**CREATE**DIGITAL INNOVATION FOUNDRY CHALLENGE

**GROW** EXECUTIVE-IN-RESIDENCE PROGRAM AND OFFERINGS

#### **CONFERENCE**

ON DIGITIZATION AND THE NEW NORMAL

## IBIT STAFF



LAUREL MILLER

**Director**Laurel is Director of IBIT
managing external relations
and programs.

Contact Laurel at Laurel.Miller@temple.edu



MUNIR MANDVIWALLA

Executive Director

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

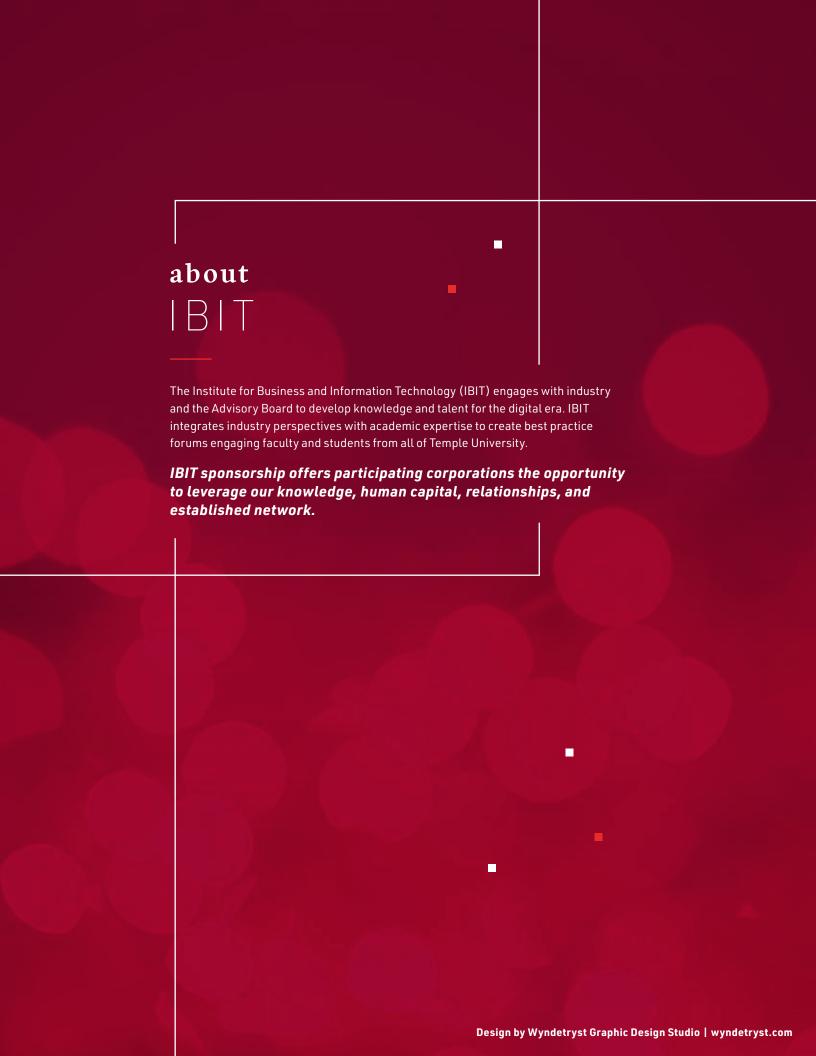
Contact Munir at Munir.Mandviwalla@temple.edu



MANOJ CHACKO

Associate Director
Manoj is Associate Director
leading the R&D activities of the
Digital Innovation Foundry and
Community Platform.

Contact Manoj at Manoj.Chacko@temple.edu





SPEAKMAN 207 1810 N. 13TH STREET PHILADELPHIA, PA 19122 215-204-5642 IBIT@TEMPLE.EDU IBIT.TEMPLE.EDU