Department of Instructional Technology
And
Institute for Interactive Technologies
Annual Report 2019
Master of Science in Instructional Technology
Bachelor of Applied Science in Technical Leadership
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**Department Faculty**

- IT Faculty and Staff: 13
- Jessica Briskin: 14
- Helmut Doll: 15
- R.Lynn Hummel Jr.: 16
- Karl M. Kapp: 20
- Mary Nicholson: 22
- Instructors: 24

Support Instructional Technology at BU: [https://giving.bloomu.edu/MSIT](https://giving.bloomu.edu/MSIT)
Greetings to our Alumni and Friends of the Department of Instructional Technology!

My colleagues and I hope you have had a successful and prosperous year. I look forward to sharing with you several of our Departments accomplishments and highlights that have occurred over the past year at Bloomsburg University.

Over the past year, one of our department faculty, Dr. Seely, and our Instructional Designer, Haley Kramer, have taken on new opportunities away from Bloomsburg University. Dr. Kapp is back from sabbatical this year and Dr. Doll has taken his place on sabbatical for the Spring 2020 semester. With Dr. Doll being on sabbatical I, Dr. Lynn Hummel, have taken his place temporarily as chair of the department and write this letter to you today.

The department continues to be active in many different areas. For the past three years I have been organizing the Technology Education Research Symposium (TERS) at Bloomsburg University, which brings researchers from the whole state to our campus. Plans are underway to hold this event again in April, 2020. Dr. Nicholson is continuing her work in distance education, especially with Quality Matters. She recently presented on the topic at a conference in Texas. In October Dr. Kapp again took a group of students to DevLearn in Las Vegas while Dr. Briskin, myself, and a group of students attended the AECT conference in the same city. Over 30 alumni, students, and faculty gathered for a group photo representing Bloomsburg University.

The Technical Leadership program keeps growing and attracting amazing students from community colleges. The program has now more than 150 students enrolled.

Please stay connected to our department. We welcome your feedback and support.

Sincerely,

Dr. Lynn Hummel Ed. D.
Interim Chair, Department of Instructional Technology

rhummel@bloomu.edu

Department web site: http://iit.bloomu.edu

Support the department: https://giving.bloomu.edu/MSIT
Instructional Technology in 2019

2019 was again a very exciting year for the graduate side of the department. During the academic year our faculty taught courses related to Vyond, Captivate, StoryLine, virtual reality, augmented reality to name a few subject areas. Our students who are graduate assistants utilized these technologies to work on projects with UPenn, Geisinger, General Mills, and SCTE. The learning experiences gained by our students who work with our corporate partners on these projects gain invaluable real-world working experiences that often times help to launch their career after graduation.

Dr. Hummel organized the 3rd annual TERS conference on the Bloomsburg University campus. Faculty from Bloomsburg University and across the state presented their research at the event and publish a refereed journal.

This fall Dr. Jessica Briskin attended the AECT conference with 3 of our students who were accepted to present their current instructional technology projects. Dr. Kapp continued the trend in recent years by taking a group of students to DevLearn. The students are funded to participate in learning experiences such as AECT and DevLearn by your contributions setup with a crowdfunding platform. It is an amazing opportunity for them to meet the leaders in the field. The students also present projects in a student competition and – for the 5th year in a row – a Bloomsburg University MSIT student, Tyler Specht, won the award for the best student project.
During the month of October, 2019 Dr. Jessica Briskin presented with three students at the Association for Educational Communications and Technology (AECT). She mentored students through a presentation showcasing the use of emerging technology. The students were able to share their graduate assistant projects during a session called the Emerging Technology Showcase.
Corporate Advisory Council events 2019

We held two events this year where our students were able to show off their expertise in designing, developing and proposing projects to representatives from the field of elearning. We had a lively event with great presentations by corporations on Wednesday of both events, student presentation on Thursday and job interviews, fun instructional lessons, reviews of projects and lots of comradery on Friday.

Even playing a card game developed by Dr. Kapp and alumni Beth Myers called SortID Out. Where instructional designers pitted their knowledge of learning domains, instructional verbs and learning objectives against one another.

In the Fall we had Dr. Hank Bailey, founder of the program, return for a wonderful recounting of the history of the program and the Institute for Interactive Technologies.
Students at FALL 2019 CAC pose with Dr. Hank Bailey.

Students presenting their solution to industry representatives at CAC.
Technical Leadership in 2019

The Technical Leadership program has grown to over 150 currently active students. In the fall we started to offer courses at our newest partner college, Bucks County Community College. At this point, we have over 100 students graduated from the program and expect another strong class this semester. In the spring we held two capstone events, one at Northampton Community College and the other at Reading Area Community College. Student groups from all five colleges presented their proposals to the representatives from industry, colleges, and alumni. Please join us at our upcoming events this spring on April 28th, 2020 at Lehigh Carbon Community College and on April 30th, 2020 at Bloomsburg University.

Spring 2019 Technical Leadership Capstone students at NCC

In the fall we will be holding the 4th Technical Leadership Advisory Council Meeting and we would like to welcome you back for this event as well.

Spring 2019 Technical Leadership Capstone event held at RACC
MSIT graduates 2019

Spring and Summer 2019

Howard Alexander Iii
Patrick Berridge
Kimberly Burky
Michelle Carpenter
Katie Anne Cerasoli
James Clark III
Michelle Cross Smith
Christine Eckenrod
Maggie Farrer
Brynne Hunter
Brittany Knorr
Christopher Krepich
David Moerman
Brianna Puglia
Conrado Ramos
LaurenRhoads
Maurice Robinson
Brianna Romanchik
Lindsay Ruth
Arden Shiller
Elizabeth Smith
Tyler Snyder
Frank Suchwala
Anthony Tomeo
Therese Wagner

Fall 2019

Shyer Amin
James Clark III
Christopher Dunford
Jacob Hare
Michele Korgeski
Chad Krape
Kristin Laudenslager
Joseph Marchese
David Moerman
Anne Nichols
Alexandra Ogden
Brandon Richardson
John Sheerin III
Shelbe Walker
Bachelor of Applied Science in Technical Leadership graduates 2019

Spring and Summer 2019 graduates

   Carlos Acerra
   Barry Batz
   Timothy Beveridge
   Tanner Bowman
   Scott Cass
   Juan Cheverez
   Christopher Chinnici
   Raquel Clelan
   Karen Cole
   Daren Cragle
   Jordan Galan
   Christopher Haefner
   Scott Heinsey
   Elena Hernandezsixtos
   Levi Kittrell
   Michael Lobaidosantiago
   Bradley Lundquist
   Dillon Masington
   Rose Marie Miller
   Andrew Nguyenzolghadri
   Angeline Regis
   Joseph Roe
   James Saylor
   Britta Saeger
   Teresa Woodard
   Shawn Wunder

Fall 2019 BAS-TL graduates

   Angela Ciucci
   Rachael Dawson
   Alicia Durst
   Patrick Fleishauer
   Alicia Frederick
   Fernanda Hernandez
   Natalie Kaplan
   Michelle Lawyer
   Angela Lorah
   Jennifer McKinley
   Jared Moody
   William Santanna
   Leah Sentz
Technology Education Research Symposium (TERS) 2018 by PAECT

Held on April 13th, 2019

A sample of presentations provided at TERS 2019 include:

- **Summa - Building A New Data Economy for Academic Research** by Matthew Hope & Evan Porter

- **The Impact of 1:1 Technology in Secondary Classrooms** by Beth Rogowsky & Kaitlin Magni

- **The Theory of Virtuality Culture and Technology-Mediated Human Presence: Implications for Teaching and Learning** by Camille Dempsey

- **Virtual Reality Acclimation Model** by Jessica Redcay

Nineteenth Annual Bloomsburg University Instructional Technology Specialist Advisory Council (ITS-AC)

Held on April 24th, 2019

*3 student teams responded to the following grant proposal as part of the Technology Planning Across the Curriculum course.*

Current grant proposals must include a focus on the integration of incorporating learning with augmented and virtual reality fully within a K-12 educational setting.

Our requested grant proposals included a focus on the integration of incorporating of learning with drones, gamified learning experiences, and augmented reality.
Present and publish your educational technology research!

The Pennsylvania Association for Educational Communications and Technology (PAECT) is honored to offer you the opportunity to present at the 4th annual Technology Education Research Symposium (TERS) 2020!

Proposals are now being accepted at:

https://www.smore.com/mvnaf

When is TERS 2020? April 25th, 2020

Where? Bloomsburg University of Pennsylvania

- Present your educational technology research to others
- Accepted publications will be published in Volume 4, Issue 1 of the PAECT: Technology Education Research Journal
- Attend sessions to learn from other Ed Tech leaders and researchers

Who Should attend?
Higher education faculty
Doctoral students
Educational Technology researchers
Educators
School Administrators
Corporate e-learning specialists
Instructional Technology Specialists
Anyone interested in ed tech research topics!
Twentieth Annual Bloomsburg University
Instructional Technology Specialist Advisory Council
(ITS-AC)

When? April 29th, 2020 on the campus of Bloomsburg University from 5:00p.m. to 8:45 p.m.

Agenda:

5 - 6 p.m. Dinner and networking

6 - 8:15 p.m. Student grant presentations

The presentations will be followed by an opportunity for you as members of the council to ask the student groups questions about their proposal.

8:15 - 8:45 p.m. Educational Technology round-table discussion

The grant proposals are attached for your review. A simple evaluation form will be provided the night of the event for you to provide feedback to each group on their written grant proposal and presentation.
Faculty and Staff in the Department of Instructional Technology - 2019

Julie Ambrose (Instructor - Technical Leadership - LCCC and NCC)
Tina Barnes (Department Secretary and Technical Specialist)
Lucas Blair (Instructor – MSIT)
Jessica Briskin (Assistant Professor - BU and online)
Adam Creasy (Instructor - Bloomsburg and online, Internship coordinator)
Dr. Helmut Doll (Professor, Assistant Director IIT)
Dr. Lynn Hummel (Associate Professor, Interim Chair of Department)
Haley Kramer (Instructor – Technical Leadership – HACC)
Dr. Karl Kapp (Professor, Director IIT)
Jill Melones (Instructor - Technical Leadership - RACC)
Beth Myers (Instructor – MSIT)
Dr. Mary Nicholson (Professor)
Rosetta Lilly (Instructor - Technical Leadership - HACC)
Jim Rommens (Instructor - Technical Leadership - NCC)
Jessica Briskin, Ph.D.
Assistant Professor, Department of Instructional Technology

Education
Penn State University, Ph.D. in Learning, Design, and Technology, August 2018
Penn State University, M.Ed. in Instructional Systems, December 2010

2019 Publications

2019 Presentations
• Briskin, J. & Hare, J. (October 2019). Developing Engaging Microlearnings. Annual Meeting for AECT, Las Vegas, NV.
• Pastore, R., & Briskin, J. (February 2019). Create a Virtual Reality Lab for Your School. PETE&C, Hershey, PA.

2018 Activities
• Briskin, J. (November 2018) Learning About Learning Webinar, SCTE•ISBE.
• Briskin, J. & Seely, B. J. (October 2018). Enhancing Virtual Team Collaboration. AECT, Kansas City, MO.
• Briskin, J. & Seely, B. J. (October 2018). Wearable Technology in Education. AECT, Kansas City, MO.
• Briskin, J. (October 2018) Vision of the Future of Technical Training and Education, Panel Moderator, Society of Cable Telecommunications Engineers (SCTE•ISBE), Atlanta, GA.

Interactive Technologies (IIT) Projects
• Conducted weekly meetings with students to provide direction on projects, and support for student learning and academic success.
• Mentored students to develop MicroLearnings for the Society of Cable Telecommunications Engineers (SCTE).
• Provided SCTE with instructional design consulting advice.
• Mentored students to help transition in-person course content online, specifically content to be viewed in a video format with animations and interactions.
• Developed a face-to-face training, which included instructor-led guides and participants workbooks for General Mills.

Helmut Doll, Ph.D.
Professor and Chair, Department of Instructional Technology
Assistant Director, Institute for Interactive Technologies
Scholarly Interests
Applications and Development of Virtual and Augmented Reality, Development of mobile apps, and Microlearning

Education
Dissertation: A Generalization of Bridge Number to Arbitrary Three-manifolds. (Advisor: Dr. Marty Scharlemann)

Thesis Title: A Survey of Combinatorial Link Invariants and Their Application to Link Tabulations. (Advisor: Dr. Jim Hoste)

2019 Teaching
Spring, Summer: Introduction to Website Development - INSTTECH 470/570
Fall: Introduction to Virtual and Augmented Reality – INSTTECH 200

Activities 2016 - 2019
- Member of ‘Brand Champions’ group during Bloomsburg University’s branding process, 2018-19
- “Virtually in Reality”, Presentation in the Bloomsburg University College of Science and Technology Dean’s Lecture Series, Bloomsburg, PA, April 11, 2018 (with Drs. Karl Kapp and Brian J. Seely).
- Alternate Work Assignment as Interim Assistant Dean in COST. Spring 2018.
- Development of Virtual Sculpture Walk mobile app for Bloomsburg University. 2017.
- Alternate elected faculty member of the Presidential Search Committee, Fall 2016 – Spring 2017
- Alternate elected faculty member of the Presidential Search Committee, Fall 2016 – Spring 2017
- Development of on-campus version of the Technical Leadership degree for Bloomsburg University
- Chair of the University-wide Election Committee (2016) and member of the Honors Advisory Committee
- Development of ‘D.O.S.e.S.’ Sales training for B Braun, a branching scenario built in Articulate Storyline using an external database for leaderboard. 2015 – 2016

Dr. R. Lynn Hummel Jr. Ed. D.

Associate Professor, Interim Department Chair, Department of Instructional Technology
2019 Publications


2019 Presentations

“Gamification playtest of Zombie Ed Tech Apocalypse”
International Society for Technology in Education conference - June, 2019
66.8% Acceptance Rate

“Discover PAECT Higher Ed Student Chapters”
Pennsylvania Educational Technology Expo and Conference - February, 2019

“Higher Education Session”
Pennsylvania Educational Technology Expo and Conference - February, 2019

2018 Publications


2019 Teaching – Department of Instructional Technology
Advanced Instructional Design – Fall 2019, Spring 2019
Technology Planning Across the Curriculum – Spring 2019
Social Media for eLearning – Summer 2019
Research in Instructional Technology – Fall 2019
Technology Applications for the Classroom – Fall 2019
COST Faculty Fellow – Academic Affairs
Fall 2018 – Spring 2019


2018 Presentations

“PAECT – Gamification playtest of Zombie Ed Tech Apocalypse – For Educational Technology Leader” 2018 Association for Educational Communications and Technology (AECT). October, 2018

“Students Learning with Technology – What Every Parent Needs to Know” State Parent Advisory Council (SPAC) 2018. 23rd Annual Title I Parent Conference – July, 2018

"Spheros to Create Game-Based Learning, Teach Code and More!” Poster Session International Society for Technology in Education conference - June, 2018

"The Best Technology Apps to Build Parent Engagement and Communication” Snapshot Session International Society for Technology in Education conference - June, 2018

“Creating a New Technology Based Community College in Pennsylvania” 2nd Annual Technology Education Research Symposium (TERS) 2018 – April, 2018

“Improve Teaching with a PAECT Membership” Pennsylvania Educational Technology Expo and Conference - February, 2018

2017 Publications


Teacher Education International Conference (pp. 2113-2114). Austin, TX, United States: Association for the Advancement of Computing in Education (AACE).

2017 Presentations

- “Connecting Parents to Schools with Emerging Technologies” State Parent Advisory Council (SPAC) 2017. 22nd Annual Title I Parent Conference – July, 2017
  “Teach with Smore! Create amazing web based visual lessons for your classroom!” Poster Session International Society for Technology in Education conference - June, 2017
- "Create Digital Media and Art with Cava” Snapshot Session International Society for Technology in Education conference - June, 2017

Creation of a Research Conference

Co-founder, peer-reviewer planner, and organizer of the 1st Technology Education Research Symposium (TERS) 2017 by PAECT. April 8th, 2017
Karl M. Kapp, Ed.D.
Professor, Department of Instructional Technology
Director of the Institute for Interactive Technologies

Scholarly Interests
Exploring the theoretical foundations and the practical application of effective game-based learning and gamification. Examining all aspects of the subject from variable reward schedules to the use of avatars and using games to teach pro-social behaviors.

Education
University of Pittsburgh, Pittsburgh, PA Ed. D. in Instructional Design and Technology, April 1997
University of Pittsburgh, Pittsburgh, PA M.Ed. in Instructional Design and Technology, December 1990
Dickinson College, Carlisle, PA. B.A. in English, May 1989

Publications

Book

Peer Reviewed Article

Presentations

Keynote Addresses


**International Keynotes**


Kapp, K. M. (November 2018) Thinking Like a Game Designer to Create Instruction. CBTD18. Santos, Brazil.

**Conference Presentations**

Kapp, K. M. (May 2019) Beyond Gamification: Think Like a Game Designer to Create Engaging, Meaningful Instruction. ATD International Conference and Exposition, Washington, DC.

Kapp, K. M. (January 2019) Stop Thinking Like an Instructional Designer: Start Thinking Like a Game Designer. ATD TechKnowledge, West Palm Beach, FL

**Video Course Publication**


Kapp, K. M. (2019) Learning and Development as a Competitive Advantage. (Online Video Course), Lynda.com/LinkedIn Learning.

Kapp, K. M. (2019) Sales Gamification (Online Video Course), Lynda.com/LinkedIn Learning.

**Funding**


Principle-Investigator for Society of Cable and Technical Engineers grant to explore learning strategies and learning development. (SCTE) $25,000. July 2017-Continuing.

**Corporate Advisory Council Coordination**

**Awards and Recognition**

Recipient of ATD Individual Contributor Award 2019

In 2018, Received the eLearning Guild’s Guild Master Award
Scholarly Activities and Interests
Design of Interactive eLearning, Scenario Based Learning, and Multimedia solutions.

Certified as a Quality Matters Face to Face Facilitator

Nicholson, M. “Gathering and Incorporating Student’s Perspectives when Designing Online Courses”. Quality Matters National Conference, Grapevine, TX.


Nicholson, M., Miller, M, & Merrell, C. “Applying the QM Rubric”. February workshop at Bloomsburg University

Nicholson, M., Miller, M, & Merrell, C. “Applying the QM Rubric”. March workshop at Bloomsburg University

Nicholson, M., Miller, M, & Merrell, C. “Applying the QM Rubric”. May workshop at Bloomsburg University

Nicholson, M. & Miller, M., & Merrell, C. Distance Education Brown Bag discussions - Strategies for Online Teaching Success. Bloomsburg University

“Am I Ready? 3 Ways to Prepare for Your Course”
“Can My Class Really Become a Community? Tips for Cultivating Connection”
“Four Essential Qualities of an Awesome Online Teacher”
“Finishing Well”

Teaching
Multimedia Productions (INSTTECH 560/460)
Online Course Design (INSTTECH 584/484)
Instructional Design (INSTTECH 550/450)
Service Activities
Chairperson, Department of Instructional Technology Admissions Committee
Chairperson, Department of Instructional Technology Curriculum Committee
Chairperson, Department of Instructional Technology Evaluation Committee
Chairperson, Department of Instructional Technology Tenure Committee
Chairperson, Department of Instructional Technology Promotion Committee
Co-Author Department of Instructional Technology Five Year Report
Academic Advisor to all Master’s Students
Quality Matters Course Reviewer (worked with faculty to develop courses following the QM rubric)

Education
Texas A&M, College Station TX, Educational Psychology, 1991
Texas A&M, College Station TX, Educational Technology, 1985
Texas A&M, College Station TX, Industrial Education, 1983
Julie Ambrose

BASTL students represent a wide range of industries and career interests which makes teaching for BU in the Lehigh Valley fun and rewarding. The students and I have especially enjoyed our B. Braun site visit and guest speakers from the BASTL Advisory Board, Chamber of Commerce, and LV Workforce Investment Board.

Bryan Sidwar

Brian Sidwar teaches the Technical Leadership Capstone course for our BASTL program.

Lucas Blair

Lucas Blair, PhD is Head of the Immersive Technologies Lab at RTI International and Founder of Little Bird Games.
I currently work as the Internship Coordinator and Instructor for the department, as well as the Director of Technology for the East Lycoming School District in Hughesville PA.

Jill Melones teaches courses for the BASTL program at Reading Area Community College.