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THE TEACHING & TECHNOLOGY CENTER IN FY18

Innovation was an important keyword and focus for Bridgewater State University in the 2017-18 academic year. We at the Teaching & Technology Center continued our mission to improve the teaching and learning experience at BSU – with a focus on student success – through both established and innovative technology adoption practices.

Our FY18 initiatives included explorations into multimedia production, online teaching and learning, classroom innovations, 360-degree digital videos and photos, and more. We highlighted faculty-led innovations through our second annual TTC Faculty Innovation Awards program.

FY18 was also a bittersweet year for us. Reid Kimball began his transition into his new role as Director of the IT Service Management Office. I worked with Reid in the TTC for 11 years, and as Assistant Director of the TTC since 2009. Reid was a rock for me – he provided much guidance and was someone I could always count on in a pinch. He took the lead on numerous initiatives and professional development offerings and conferences.

Our faculty adored Reid and the friendly, hands-on support he provided, and they will greatly miss him in his TTC role. I wish Reid all the best as Director of the IT Service Management Office, and I know there are great things to come from him and his staff in the years ahead that will benefit the entire institution.

Coupled with Reid’s new adventure, though, there are exciting new changes in store for the TTC and our faculty. Stacey Osborn from Information Technology joins the TTC as an Instructional Technologist, with a strong focus on Blackboard support and the adoption of innovative instructional technologies. Arthur Slotnick and Matt DeGrechie from Marketing and Communications are joining the TTC in FY19 to help bring the TTC into a new era, providing academic video production services through the TTC for our faculty. More to come on that front!

Much thanks goes to my great staff – the departing Reid Kimball, Tim Wenson, Amanda Zuromski for administrative support, our interns Ben Hollis, Kelsea Marciarelli, Shannon Molinari, and Ezechiaste Pompilus, our graduate assistants Matt Cobb and Andy Couto, and our faculty fellows Dr. Sue Eliason and Joanne McDonald – for all their efforts throughout the FY18 year on behalf of our faculty and students.

Best wishes this coming academic year,

Eric V. LePage
Executive Director of the Teaching & Technology Center
WHO WE ARE

The Teaching & Technology Center (TTC), located in the Moakley Center M200 office suite, supports faculty in the use of technology to enhance teaching and learning at Bridgewater State University. Training and support are available to assist faculty with educational technology in face-to-face, hybrid- and fully-online coursework. The TTC supports BSU’s Blackboard learning management system and provides training opportunities, both in-person and online, for Blackboard and many other educational technology solutions.

The TTC is staffed by 5 full-time staff, administrative assistant support, 4 student interns, 2 graduate assistants, and 2 student employees:

Executive Director Eric V. LePage (elepage@bridgew.edu; x.3634)
  Part-time instructor in Communications Studies and Instructional Technology
  BSU undergraduate (’98) and graduate (’06) alum
  Employed at BSU since 1999

Director Arthur Slotnick (aslotnick@bridgew.edu; x. 6158)
  BSU graduate alum (’85)
  Employed at BSU since 1994

Video Support Specialist Matt DeGrechie (mdegrechie@bridgew.edu; x. 2885)
  BSU undergraduate alum (’99)
  Employed at BSU since 1999

Instructional Technologist Stacey Osborn (sosborn@bridgew.edu; x. 2942)
  BSU graduate alum (’18)
  Employed at BSU since 2004

Academic Technology Specialist Tim Wenson (twenson@bridgew.edu; x.2752)
  Part-time instructor in Management
  BSU graduate alum (’07)
  Employed at BSU since 2007

Administrative Assistant Amanda Zuromski (azuromski@bridgew.edu; x. 2871)
  BSU undergraduate alum (’06)
  Employed at BSU since 2006
GRADUATE ASSISTANTS MATT COBB AND ANDY COUTO

Matt completed his two years of Graduate Assistantship service this past spring and is finishing up his Public Administration degree this coming Fall. Matt did a terrific job for the TTC and our faculty, providing top-level support as a first point of contact via phone, tickets, and in-person at our TTC main desk. Matt also contributed to various research projects and assisted Tim in several video initiatives. He had a terrific sense of humor and will be very much missed!

Andy was a first-year GA for us. She was a top-notch performer, and very interested in the intersection of technology and learning. She brought many new ideas to us and led several faculty workshops. We are looking forward to working with her again and taking even greater advantage of her talents in FY18!

INTERNS BEN HOLLIS, KELSEA MARCIARELLI, SHANNON MOLINARI, AND EZECHIASTE POMPILUS

This was our first year working with student interns in the TTC. The experience proved to be enlightening and enriching for both our students and our TTC staff. We learned so much from each other throughout the year as we worked together on numerous initiatives:

- Kelsea and Shannon, our videographer interns, co-produced the *IT Divisional Professional Development* video and several issues of our *TTC in 3* video newsletter
- Kelsea co-produced the *IT Outcomes 2017* video
- Ezechiaste, our digital photography intern in Fall 2017, contributed digital photos to the *IT Outcomes 2017* publication
- Ben developed 360-degree photospheres for the Meeting Space Photosphere project
- Ben led a digital photography basics workshop for faculty, staff, and students
- And much more ...

FACULTY FELLOW AND FACULTY ADVISOR

The Teaching & Technology Center fulfilled two faculty fellow positions for the 2017-2018 academic year – one available to full-time faculty and the other available to part-time faculty. These roles provide consultation services, support, and professional development opportunities for faculty colleagues interested in using technology for teaching and learning.

Joanne and Sue also contributed to the review process for our two incoming folks – new TTC Faculty Fellow Dr. Jeanne Ingle and new TTC Faculty Advisor Professor Sharon Styffe. Thanks to Sue and Joanne for all their efforts on behalf of our faculty throughout the academic year!
Our Teaching & Technology Faculty Fellow for the 2017-18 academic year was Dr. Susan Eliason, an Associate Professor in Elementary and Early Childhood Education teaching students majoring in Early Education & Care. Sue contributed the following in her role:

- co-developed and co-facilitated the self-paced version of the Online Teaching Institute, a fully online professional development series for faculty who are teaching online
- facilitated the Open and Digital Pedagogy Faculty Learning Community (FLC), focused on collaborating and building a community of support for using Open Educational Resources (OER) to enhance teaching and learning materials and exploring and generating tips and techniques for the use of open and digital pedagogy
- served on the review team for the Teaching & Technology Faculty Innovation Awards program
- contributed weekly Blackboard tips and news in the Blackboard Peer Learning Community in Yammer
- presented on “hypothesi.is” for a segment in our “TTC in 3” video newsletter
- presented on “Renew and Redesign: 2 R’s for Open Pedagogy: Using Hypothesis and Pressbook” at a NERCOMP one-day conference at the College of the Holy Cross
- co-presented on “Web Annotation with Hypothes.is and Open Pedagogy/OER” with TTC staff at the TTC’s January 10th professional development day
- attended the Mass CUE fall conference
- held open office hours for faculty and provided teaching with technology consultation services
FACULTY ADVISOR

Our Teaching & Technology Faculty Adviser for the 2017-18 academic year was Joanne McDonald, a part-time faculty member in Secondary Education and Professional Programs. Joanne contributed the following in her role:

- co-developed and co-facilitated the self-paced version of the Online Teaching Institute, a fully online professional development series for faculty who are teaching online
- conducted numerous faculty professional development workshops on topics including:
  - A Little Code and Some Robots = Engaged Learners!
  - Applications for Virtual and Augmented Reality in the Classroom
  - Coding and Robots - the Future Ready Classroom
  - The Global Collaboration Classroom and Skype
  - Learning in an Engaged Global Classroom!
  - Blackboard Workshop: Interactive Rubrics & Mirroring360
  - Blackboard Workshop: Design Elements and Apps
  - Blackboard Workshop: Introduction to Blackboard Course Design
- contributed weekly Blackboard tips and news in the Blackboard Peer Learning Community in Yammer
- conducted several faculty workshops on “Digital Writing Tools for Engaging Writing Assignments”
- held open office hours for faculty and provided teaching with technology consultation services
- attended the Mass CUE fall conference
- served on the review team for the Teaching & Technology Faculty Innovation Awards program
360-DEGREE COMMENCEMENT

The TTC partnered with the Commencement Committee to provide live 360-degree video streams of the graduate and two undergraduate 2018 commencement events. We used our Orah 4i 360-degree camera to stream the events through YouTube. We registered over 1000 YouTube views of the events, providing off-campus guests and live attendees with an interactive view of our students’ special day.

360-DEGREE MEETING SPACE PHOTOSPHERES

TTC Intern Ben Hollis partnered with University Events to develop 360-degree photosphere images of all campus meeting spaces. Using a smartphone, tablet, laptop, or even a Virtual Reality headset, you can view an image of the meeting space, looking in any direction in a 360-degree arc. University Events will post these interactive images on their external web site for guests to review before reserving campus spaces. Visit http://bit.ly/360obs to see an example of a 360-degree photosphere.
ONE BUTTON STUDIO UPGRADE

Over the past two years we have had over 800 visitors to the One Button Studio space, our self-service video-recording studio. Thanks to helpful feedback from users, TTC partnered with Media Services in upgrading equipment in this space:

- New Sony HD Laser Projector to improve the visual quality of room projection
- New Sony HD Video Camera to improve the visual quality of the recordings
- Professional Extron Studio Station system installed to resolve issues with the previous button and hub

PODCAST STUDIO

Collaborating with Dr. Michele Meek from Communications Studies, the TTC partnered with Computing Support Services to implement a Podcast Studio within the One Button Studio space. The Podcast Studio is a self-service podcast recording station which comes complete with two professional microphones for conducting interviews and a desktop computer with software for recording podcasts and screencast videos.

SMORGASBOARD DAY

The TTC partnered with Media Services to hold a half-day event for faculty, students, and staff devoted to demonstrations of interactive classroom displays, which we called SmorgasBoard Day. We invited numerous vendors and provide demos of Avocor, Clear Touch, Epson Brightlink, HoverCam Podium, Google Jamboard, and Smart Board interactive display units. We had hundreds of attendees throughout the event, and we are hopeful that the terrific input and insight we received will help inform future classroom design.
THE SELF-PACED ONLINE TEACHING INSTITUTE

The TTC collaborated with our Faculty Fellows Sue Eliason and Joanne McDonald to develop a self-paced version of our annual summer Online Teaching Institute. The Institute prepares Bridgewater State University faculty to teach in a hybrid or fully online modality and create new Blackboard course sites that will best align with Quality Matters online course development guidelines.

We developed 9 modules that address topics such as online syllabus design, online assessment design, and course site design. Faculty can complete the 9 modules of the Institute at their own pace, and our co-facilitators, Sue and Joanne, provide guidance and feedback. Over 60 faculty signed up for this year’s Institute, and they can choose to simply peruse the site for ideas, take part in some modules, or complete all modules in the Institute. All faculty who complete the 9 modules of the Institute will receive an Institute Certificate and become eligible for a full Quality Matters online course review.

LARGE MONITOR PILOT PROGRAM

The TTC partnered with Computing Support Services to implement the Large Monitor Pilot Program. By request, IT replaced the small dual or single monitors in faculty office spaces with a single large HP V273 27” widescreen monitor. In addition, IT upgraded the monitors in the part-time faculty lounge in Burnell 118.

Studies have demonstrated that monitors in the 27” range provide productivity benefits over both smaller AND larger-sized monitors, as well as health benefits when you move from a dual-monitor to single-monitor setup.

IT OUTCOMES 2017

Each year, our IT Vice President and Chief Information Officer, Ray Lefebvre, produces “IT Outcomes”, a publication highlighting major achievements resulting from faculty, staff, and student collaborations with IT throughout the year. In 2017, the TTC provided consultation services on the publication, and TTC Intern Kelsea Marciarelli worked with TTC staff to produce the complementary video version.
TTC IN 3

In FY18 we produced three editions of the “TTC in 3”, our 3-minute video newsletter on teaching and technology tools, trends, and news. As the year progressed, we transitioned from segments delivered by TTC staff to more interviews with BSU faculty and the great work they are doing with technology in their teaching – Dr. Martina Arndt, Dr. Susan Eliason, Dr. Andrea Cayson, and Dr. Pacheco-Guffrey. We’re looking forward to telling more faculty stories in FY19!

CHROMEBOOK LOANER PROGRAM

The TTC implemented the second year of our Chromebook Loaner Program for full-time and part-time faculty. Chromebooks are configured to connect to faculty BSU accounts and can access the software faculty use on the Internet, such as Microsoft Office 365 apps, CloudPC, Web for Faculty, and Blackboard. The TTC has loaned 145 Chromebooks to our faculty as of July 1, 2018.

TTC FACULTY INNOVATION AWARDS

The TTC implemented the second year of our annual awards to recognize BSU full and part-time faculty members who use technology to teach in effective and innovative ways. The Blackboard Innovation Award is focused specifically on faculty use of Blackboard in innovative ways in their courses. The Innovative Teaching with Technology Award is broad and includes the incorporation of a new technology, or the use of an existing technology or teaching methodology in a unique way in a face-to-face, hybrid online, or fully online course.

This year’s recipients were Dr. William Devlin from Philosophy for the Blackboard Innovation Award and Dr. Lisa Litterio from English for the Innovative Teaching with Technology Award. Each recipient was presented with a handsome portfolio, a LiveScribe SmartPen 3, and related LiveScribe notebooks.
There were three key factors that influenced our recommendation of Dr. Devlin for the award: his thoughtful learning-centered Blackboard course design, his adoption of an innovative assessment method that he calls “The Google Distractor”, and the ways in which he’s proven an inspiration to his Philosophy colleagues by demonstrating that Philosophy can be taught in a high-quality manner within an online environment, just like his face-to-face courses.

The review committee greatly appreciated Dr. Litterio’s focus on having students create digital artifacts to demonstrate course knowledge that can be shared beyond the confines of the classroom using an innovative publishing tool called Omeka.

Video interviews with Dr. Devlin and Dr. Litterio highlighting their efforts will be shared with the campus this Fall.
PRESENTER DESIGN & AUDIENCE ENGAGEMENT  
AUGUST 3, 2017

I hosted an IT Lunch ‘n Learn presentation and discussion on slideshow design strategies, presentation delivery strategies, and audience engagement tools.

TURKEY ROSHAMBOURKEY  
NOVEMBER 20, 2017

Bryan Macedo continued his roll by winning our sixth annual rock-paper-scissors 16-person tournament, a key part of our potluck celebration held before the Thanksgiving holiday.

IT BEAT SHAZAM  
OCTOBER 3, 2017

With Reid Kimball, we held an IT Divisional Professional Day game of Beat Shazam, a team music trivia contest. The youngest team in the tournament – Jon Lukin, Bryan Macedo, and Sidney Wade – looked like experienced music veterans as they took home the grand prize.

CAMPUS BEAT SHAZAM  
NOVEMBER 20, 2017

With Allison Costa and Reid Kimball, we held a campus-wide game of Beat Shazam, a team music trivia contest. Suzzette Chaves and Amanda Flashman showed off their musical might as the winning team. And yes, this and Turkey Roshamburkey were held on the same day!

CAMPUS TEAM JEOPARDY  
FEBRUARY 16, 2018

With Allison Costa, Tim Wenson, and Matt Cobb, we held a campus-wide game of Team Jeopardy in Burnell Hall. Dean David Crane and Matthew Cziska from the College of Continuing Studies were the winning brainiac team!

IT BEAT SHAZAM  
JUNE 19, 2018

With Reid Kimball, we held another IT Divisional Professional Day game of Beat Shazam, the music trivia game – this time a solo affair. We had over 30 participants, with Rob Natale from Networking taking home the win after besting 5 other semi-finalists in the grand finale.

WE’RE ALL DISTRACTED: THE IMPACT OF SMARTPHONES AND SOCIAL MEDIA ON OUR ATTENTION  
JUNE 7, 2018

I hosted an IT Lunch ‘n Learn presentation and discussion on how the smartphone and social media industries are taking over our ever-dwindling time and attention, and how we can continue to use these technologies for fun and staying connected and still maintain a healthy balance in life.
## TTC SEMINARS AND WORKSHOPS

Following is a list of TTC-led Faculty Professional Development Seminars and Workshops conducted during the FY18 fiscal year:

<table>
<thead>
<tr>
<th>Session Title</th>
<th>Date</th>
<th>Registrations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Easin’ Back In – Regional EdTech Conference</td>
<td>08/16/17</td>
<td>71</td>
</tr>
<tr>
<td>Blackboard: Getting Started (multiple dates)</td>
<td>08/17-09/17</td>
<td>-</td>
</tr>
<tr>
<td>Blackboard: Next Steps (multiple dates)</td>
<td>08/17-09/17</td>
<td>-</td>
</tr>
<tr>
<td>Blackboard: Setting up your Grade Center (multiple dates)</td>
<td>09/17</td>
<td>12</td>
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<tr>
<td>Open and Digital Pedagogy Faculty Learning Community</td>
<td>09/17-12/17</td>
<td>15</td>
</tr>
<tr>
<td>Poll Everywhere: Would you like to offer more interactivity in your class lectures? (webinar)</td>
<td>09/14/17</td>
<td>8</td>
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<tr>
<td>Poll Everywhere: Getting Started</td>
<td>09/28/17</td>
<td>8</td>
</tr>
<tr>
<td>Learning in an Engaged Global Classroom!</td>
<td>11/01/17</td>
<td>4</td>
</tr>
<tr>
<td>Introduction to Blackboard Course Design</td>
<td>11/08/17</td>
<td>6</td>
</tr>
<tr>
<td>The Robots Are Coming!!</td>
<td>11/15/17</td>
<td>9</td>
</tr>
<tr>
<td>Applications for Virtual and Augmented Reality in the Classroom</td>
<td>11/29/17</td>
<td>13</td>
</tr>
<tr>
<td>A Ray of Sunshine in an Otherwise Dark Dreary Winter (half-day EdTech event)</td>
<td>01/10/18</td>
<td>32</td>
</tr>
<tr>
<td>Blackboard Day (half-day EdTech event)</td>
<td>01/11/18</td>
<td>33</td>
</tr>
<tr>
<td>Blackboard Grade Center Lunch ’n Learn</td>
<td>01/26/18</td>
<td>12</td>
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<tr>
<td>Blackboard: Getting Started (multiple dates)</td>
<td>01/18</td>
<td>5</td>
</tr>
<tr>
<td>Blackboard: Next Steps (multiple dates)</td>
<td>01/18</td>
<td>9</td>
</tr>
<tr>
<td>Design Elements and Apps</td>
<td>01/31-02/01/18</td>
<td>8</td>
</tr>
<tr>
<td>OER and Gamification Faculty Learning Community</td>
<td>01/18-04/18</td>
<td>8</td>
</tr>
<tr>
<td>Interactive Rubrics &amp; Mirroring360</td>
<td>02/08; 02/14/18</td>
<td>10</td>
</tr>
<tr>
<td>Creating a Course Blog with WordPress</td>
<td>02/22/18</td>
<td>9</td>
</tr>
<tr>
<td>Teaching with iPad Apps</td>
<td>02/23/18</td>
<td>16</td>
</tr>
<tr>
<td>Poll Everywhere: Getting Started</td>
<td>02/27-02/28/18</td>
<td>2</td>
</tr>
<tr>
<td>The Global Collaboration Classroom and Skype</td>
<td>03/14-03/15/18</td>
<td>10</td>
</tr>
<tr>
<td>SmorgasBoard Day (half-day interactive display event)</td>
<td>04/05/18</td>
<td>100+</td>
</tr>
<tr>
<td>Coding and Robots – the Future Ready Classroom!!!</td>
<td>04/11-04/12/18</td>
<td>2</td>
</tr>
<tr>
<td>Learn Coding Basics and elements of Computational Thinking!</td>
<td>04/13/18</td>
<td>11</td>
</tr>
<tr>
<td>Introduction to Digital Photography</td>
<td>04/17/18</td>
<td>10</td>
</tr>
<tr>
<td>Online Teaching Institute</td>
<td>Summer of 2018</td>
<td>69</td>
</tr>
</tbody>
</table>
INVITED PRESENTATIONS

- “Lightning Round: Blackboard Student Success” – Reid Kimball. Celebration of Teaching, Research, and Technology XXII at Bridgewater State University on May 9, 2018.
- “Flipping the Smartphone: Utilizing a Student Polling Application to Turn a Distraction into a Pedagogical Tool” – Eric LePage and Prof. Rick Brabander. Celebration of Teaching, Research, and Technology XXII at Bridgewater State University on May 10, 2018.

BLACKBOARD ADOPTION DATA

FALL 2017

In the Fall of 2017, 1732 courses were taught using Blackboard, representing 60% of the 2904 course sections taught at BSU. This rate of adoption represents a virtually equal amount of courses as those taught using Blackboard during the previous Fall 2016 semester.

582 full and part-time instructors used Blackboard during the Fall 2016 semester, representing a 2% decrease from the 592 faculty members who used Blackboard during the Fall 2016 semester.

SPRING 2018

In the Spring of 2018, 1724 courses were taught using Blackboard, representing 65% of the 2656 course sections taught at BSU. This rate of adoption represents a 7.5% increase over the 1603 courses taught using Blackboard during the previous Spring 2017 semester.

605 full and part-time instructors used Blackboard during the Spring 2018 semester, representing a 3% increase over the 588 faculty members who used Blackboard during the Spring 2017 semester.
COMMITTEE MEMBERSHIP

Following is a list of the campus committees and groups TTC staff served on in FY17:

- BSU Space Committee – Eric LePage
- Center for the Advancement of Research and Scholarship (CARS) Advisory Board – Eric LePage
- CARS Celebration Program Committee – Eric LePage
- Retention Committee – Eric LePage
- Spirit Committee – Eric LePage
- Faculty Development Leadership Group – Reid Kimball
- IT/Library Advisory Group – Tim Wenson
- Office of Teaching and Learning Advisory Board: Virtual Presence Subcommittee – Tim Wenson

TTC STAFF PROFESSIONAL DEVELOPMENT

Thanks to support from our Chief Information Officer, Ray Lefebvre, we were able to attend several regional and national educational technology conferences in FY18:

Tim Wenson
- South by Southwest EDU Conference 2018 (Austin, Texas)

Reid Kimball
- Magna Teaching with Technology Conference 2017 (Baltimore, Maryland)
- New England Center for Teaching and Learning Mini-Retreat (Newport, Rhode Island)
- CONNECT Key Talent Leadership Program
- Certified Associate in Project Management (CAPM) Course

Eric LePage
- Magna Teaching with Technology Conference 2017 (Baltimore, Maryland)
- NERCOMP - OER: Obtaining Exceptional Results (Worcester, Massachusetts)

We read the following work for our TTC Book Club: Design for How People Learn by Julie Dirksen
VOLUNTEER WORK

MASS AUDUBON SERV PROGRAM

Amanda, Reid, Tim, IT colleague Nubelia Moreira, and I once again visited the Oak Knoll and Attleboro Springs Wildlife Sanctuaries in Attleboro to perform volunteer work as part of the SERV program and IT’s “BSU IT CARES – Community Assistance Raises Everyone’s Spirits” volunteer initiative. We spent a sunny September day outdoors clearing out hiking trails and picking up trash.

CONTACT THE TTC IN FY19

We had a great year working with so many of you in FY18. We’re looking forward to collaborating and serving your teaching & technology needs in FY19!

Please contact the Teaching & Technology Center at ttc@bridgew.edu or 508.531.2634 for assistance with your FY19 teaching with technology projects and for edtech professional development and support.