MESSAGE FROM THE DEPARTMENT HEAD

We are so pleased to bring you the spring 2017 edition of ISWD Scholars and to share the many activities and successes of our faculty, students, and alumni.

Central to our mission is the support of our faculty and students in scholarly research and travel. Dr. Chien Yu, Dr. Wayne Yu, and Dr. Sang Joon Lee presented at the Association for Educational Communications and Technology (AECT) Conference in Las Vegas and participated as an exhibitor for “university night” where they shared about our outstanding graduate programs. Dr. John Wyatt also presented at the Advanced Material Processing and Technologies Conference in Kuala Lumpur, Malaysia, and Dr. Pamela Bracey at the Southern Business Education Association Conference in Myrtle Beach, South Carolina, and the E-Learn-World Conference on E-Learning in Alexandria, Virginia.

Recruiting undergraduate majors in Industrial Technology, Information Technology Services, and Business Technology Education is always a major undertaking that we enjoy. Our Digital Dawg Byte High School Technology competition brought approximately 350 high schools students to the beautiful Mississippi State University campus to compete in our own App-It, Snap-It, and Kahoot-It technology competitions. We urge you to learn more about these degree programs on our website and encourage your friends and family to contact us for more information. Tulsika Patel, a 2008 graduate with our ITS degree and a successful IT/Financial Project Manager, is honored as our alumni spotlight for March. Please read of her journey to a successful career in information technology. Go to http://iswd.msstate.edu/alumni/#alumni-spotlight for her article and browse the archives for many other stories. (continue to page 2)
For the year of 2016, the ISWD faculty produced 6 peer-reviewed journal papers, 3 books, 18 peer reviewed presentations, 4 peer reviewed national/international conference proceedings, and 3 peer-reviewed book chapters.

I want to thank the ATMAE students and their advisor, Mickey Giordano, who traveled to Hattiesburg to assist with the cleanup of William Carey University. The campus sustained major damage from tornadoes in February, and the generous help of these students was greatly appreciated.

We sincerely appreciate her service and contributions to the department and MSU. We’ll miss you, Dr. Forde, as a teacher, mentor, friend, and nurturer. Farewell, Dr. Forde!

SEARCHING FOR NEW ISWD DEPARTMENT HEAD

In order to conduct a national search for the ISWD Department Head, the Search Committee has been grouped. Chaired by Dr. David Morse, Department Head of Educational Psychology, the committee members of ISWD Head Search include Drs. Jim Adams, Linda Cornelious, John Wyatt and Chien Yu. The position announcement can be seen at http://explore.msujobs.msstate.edu/cw/en-us/job/495354/associate-professor-or-professor-and-head and advertisement has been posted to the Chronicle of Higher Education.

CONT’D FROM THE DEPARTMENT HEAD MESSAGE

I want to thank the ATMAE students and their advisor, Mickey Giordano, who traveled to Hattiesburg to assist with the cleanup of William Carey University. The campus sustained major damage from tornadoes in February, and it seems like only yesterday. We have been blessed beyond measure—blessings of many outstanding students who are doing amazing things; blessings of cherished faculty, administrators, and staff in the department, college, and university that I call friends; and blessings of tremendous opportunities that I have been afforded to make a difference and to allow me to grow as a professional. I wish the department the very best and am confident of the many accomplishments that are sure to come.

Hail State!

Dr. Connie M. Forde
Professor/Department Head
KUDOS

Dr. Bracey Received a National Science Foundation (NSF) Grant to Empower Black Female Faculty Members
The grant proposal entitled: Preparing Black Female Faculty for Prominence, Power, and Presence in the Academy was awarded by NSF to examine issues of workplace diversity in higher education. For more on the NSF grant, see https://www.nsf.gov/awardsearch/showAward?AWD_ID=1651128&HistoricalAwards=false

Ms. Keel and PBL Students Won Awards at the State Conference
Phi Beta Lambda students advised by Ms. Keel won two first place and two second place awards at the state conference at the MUW on March 1-3. Congratulations to Leah Ferguson and Morgan Jones who won the first place in Strategic Analysis and Decision Making; Joannese Going won the second place in Public Speaking and Sarah Wooten won the second place in Computer Application competitions. See more details at: http://www.educ.msstate.edu/news/msu-phi-beta-lambda-students-garner-high-honors/

Dr. Wayne Yu Received a Schilling Grant Funded for an Instructional Project for TKT 3623 Computer Repair and Maintenance Class

Dr. Jim Adam’s TKT 4463/6463 Diversity in Work and Educational Environments Approved as Cross-Listed Course African American Studies (AAS) Curriculum of College of Arts and Sciences

Ms. Latham Recognized Winners for the Non-Artist Exhibition
Congratulations to the students in the TKI 2413 History and Appreciation of Artcrafts sections who exhibited their art projects at the Non-Artist Exhibition that was held on November 30. The exhibition and reception showcased beautiful multimedia, ceramic, and stained glass art and included an opportunity for guests to vote for the “Best of Show.” We extend a very special thanks to Ms. Latham for the excellent art show that she coordinates each semester and the special recognition she provides to all students and especially to the winners who are recognized.

ISWD Faculty Soon Present to AERA and KAERA, San Antonio, Texas

Dr. Pamela Bracey Spoke on COE FORWARD Television Show
Dr. Bracey was invited as a guest speaker in FORWARD, a monthly television show about the College of Education at Mississippi State. See Season 1 Episode 5 at: https://www.youtube.com/watch?v=tI1DxNYEyxA

ISWD Doctoral Students Presented at the E-Learn and MECA Conferences
Two ISWD doctoral students, Angela Walton and Taylor Yarbrough, presented along with Dr. Joanne Beriswill, in the 2016 E-Learn Conference, Washington DC, and 2017 Mississippi Educational Computing Association (MECA) in Jackson, Mississippi.

Mr. Giordano and ATMAE Students Travelled for Storm Cleanup
Eight Industrial Technology students along with faculty member Mr. Mickey Giordano, drove down to William Carey in Hattiesburg, MS, to help clean up the recent tornado damage in this area.

WELCOME TO ISWD

In Spring 2017, new graduate students joined our family. They are:

MSIT: Ashley Brown; Jasmine Harris; Philip Malone; Liz Serio; Jeremy Watson
Ph.D.: Michael Green; Kenya Horn; DeAndrea Kees; Ashley Patterson

Congratulations! We are glad to have you. Welcome!

FACULTY SPOTLIGHT

DR. JIM ADAMS

Dr. Adams took an atypical path toward becoming a faculty member at Mississippi State. The songwriter and full professor of instructional systems and workforce development also was a commercial painter and a car salesman before earning his doctorate from Oklahoma State University in adult and occupational education.

Adams had the opportunity to teach middle and high school students, but when he became a GED coordinator and began working with adults who were trying to further their education, he found a career he loves.

Now, Adams blends his love of working with adults with an interest in qualitative research on issues affecting educational systems. He launched a special research project in 2010 to chronicle first-hand accounts of desegregation of schools in Mississippi.

By personally interviewing principals, superintendents, coaches, and teachers who worked for Mississippi’s schools during that time, Adams hopes to document a perspective that might otherwise be lost.

“Despite the fact that this was not a flattering time in Mississippi history, a lot of the professionals who were working in the schools did well to help things go smoothly for the students and teachers inside,” Adams said.

“To hear the stories of what really happened, to me it’s an invaluable resource,” he added.

So far, Adams has interviewed more than 80 people about their experiences. In addition to his research, Adams teaches issues of diversity in work and educational environments—a popular class for students of all majors—and history and philosophy of career and technical education. (source: https://www.msstate.edu/our-people/2012/07/jim-adams/)
NEW ISWD POLICY
EFFECTIVE FALL 2017
FOR PH.D. STUDENTS

ENROLL IN TKT 9000
AFTER DOCTORAL EXAM

The ISWD faculty passed a new policy that a doctoral student should register for TKT 9000 Dissertation Research hours only after passing the written and oral preliminary exams. The new policy will be officially effective in fall 2017. It is very important for all doctoral students to understand TKT 9000 Dissertation Research hour is only for proposal and dissertation writing. A minimum of 20 credit hours are required before graduation. Please be aware of this new change.

TKT 9000 U POLICY - WARNING, PROBATION AND DISMISSAL

A grade of “U” in TKT 9000 is considered unsatisfactory performance. After the first grade of “U”, the student will receive a warning letter. After the second grade of “U”, the student will receive a probation letter with requirements. After the third grade of “U”, the student will be recommended to the Graduate School for dismissal from the program.

PH.D. STUDENT NAVIGATION GUIDE ON THE ISWD WEBSITE

The ISWD Department compiled a Ph.D. Student Navigation Guide (http://www.iswd.msstate.edu/current-students/programs/phd/phdguide.php) to help doctoral students navigate the different areas of the program. It contains information and links applicable to each aspect you will encounter. Please review and bookmark this page to be referenced throughout your path to the Ph.D. degree.

MSIT PORTFOLIO DEVELOPMENT

While our new MSIT curriculum is up to date in the latest theories and practices and provides a broad understanding of instructional technology, we expect our MSIT students to develop a professional portfolio as completion of program.

The MSIT e-portfolio development includes: home/intro page; curriculum vitae and overall program reflection regarding your growth and development. Also, based on the concentration that students choose, six artifacts and reflections are required. For the minimum requirements and details, please review the info at http://www.iswd.msstate.edu/files/MSIT_Portfolio.pdf.

UPDATES FOR MST CURRICULUM REVISION

The ISWD faculty is currently working on course revisions and concentrations for our Master of Science in Technology (MST) students. The summary of curriculum revision includes:

I. A total of 5 core courses (15 credit hours):
   - TKT 8863 Grant writing (new course)
   - TKT 8213 Content & Method of Teaching Career and Technology Education
   - TKT 8263 Philosophy & Administration of Career and Technology Education
   - TKT 8273 Contemporary Issue Cur Plan ISWE
   - EDF 8363 Functions and Methods of Research in Education

II. Select ONE from the following concentrations (9 credit hours):
   A) Endorsement: (Select any 3 from the following)
      - TKT 6473 Methods of Teaching Online
      - TKT 6463 methods of Teaching Business Technology
      - TKT 6483 methods of Teaching STEM
      - TKT 6493 methods of Teaching Career Pathway Exp.
   B) Technology Facilitator/Administrator (Select any 3 from the following)
      - TKT 8533 Evaluation & Assessment in Instruction Systems & Technology
      - TKT 8753 Technology Issues for School Administrators
      - TKT 8763 Strategic Technology Planning for Teachers and Administration
      - TKT 8833 Design and Implementation of Data Networks
      - TKT 8873 Communication Tools in Technology for Teachers & Administrators
   C) Improving Instruction Using Technology: (Select any 3 from the following)
      - TKT 6733 Managing the Multimedia Environment
      - TKT 6763 Digital Tools for 21st Century Teaching and Learning
      - TKT 6803 Integrating Technology for Learning
      - TKT 8833 Design and Implementation of Data Networks
      - TKT 8873 Communication Tools in Technology for Teachers & Administrators

III. A total of 6 credit hours:
    - 2 elective courses for non-thesis option or TKT 8000 for thesis option

If you have any questions or comments, please contact the MST Program Coordinator, Dr. Linda Cornelious (lcornelious@colled.msstate.edu).
**TKB 4573 Data Network II Newly Added to ITS Program**

Once again, the ITS faculty proposed to add another new course, *TKB 4573 Data Networks II*, to the existing ITS curriculum with advanced level of network knowledge and skills for ITS majors.

The course covers extended principles, standards, and practices of network risk management, network performance management, and network designs for industries. The prerequisite course is *TKB 4763 Intro to Data Networks*. With the new course, students are expected to learn more about how to make intelligent decisions about the appropriate design, purchase, integration and management of data communications equipment and systems.

The revision is currently pending approval by the University Committee on Courses and Curricula (UCCC), and the course will be added into the ITS curriculum as soon as it is approved. Contact the ITS Program Coordinators: Dr. Sang Joon Lee and Dr. Kun Huang for course details.

**ISWD offers 3 undergraduate programs and 4 graduate programs, including 2 Master’s, 1 Educational Specialist, and 1 Ph.D. programs**

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**INDUSTRIAL TECH: CURRICULUM REVISION**

Due to a significant shortfall in the number of qualified technical people, across the nation, not just Mississippi, the Industrial Technology faculty in ISWD have been working on degree program course modifications based on input from the Industrial Technology Advisory Board and discussions with industrial leaders, and industrial technology graduates who are in the field. This curriculum revision includes:

**Course Additions**

- TKI 3813 – Writing for Industry
- TKI 4343 – CAD/CAM II
- TKI 4373 – Lean Six Sigma
- TKI 4403 – Automated Systems II
- TKI 4463 – Manufacturing Technology & Processes II
- TKI 4801 – Senior Seminar

**Course Modifications**

- TKI 1203 Industrial Communications
- TKI 2323 Welding Technology
- TKI 3044 Industrial Safety
- TKI 3183 Machine Metals
- TKI 3224 Industrial Materials
- TKI 3243 Industrial Metrology
- TKI 3333 Forecasting & Modeling
- TKI 3343 CAD/CAM
- TKI 3363 Motion and Time Study

- TKI 4103 Industrial Controls
- TKI 4113 Fluid Power
- TKI 4213 Energy Sources
- TKI 4224 Quality Assurance
- TKI 4233 Maintenance Management
- TKI 4263 Manufacturing Technology
- TKI 4303 Industrial Robotics

Distance courses have also been developed to meet the growing demand, not just for industrial technology studies, but for qualified technologists in Mississippi and the surrounding area. It is expected that this curriculum revision will enable currently employed technicians who can further their career path, while staying employed. The revision is currently pending approval by the COE Box Council and University Committee on Courses and Curricula (UCCC). Contact the Industrial Technology Program Coordinator: Dr. John Wyatt, for details.
<table>
<thead>
<tr>
<th>Month</th>
<th>Events</th>
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<tbody>
<tr>
<td>March 2017</td>
<td>3/2-3.........Doctoral written preliminary exams</td>
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<tr>
<td></td>
<td>3/3............MST, MSIT, and Ed.S. comprehensive exams</td>
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<tr>
<td></td>
<td>3/10...........Doctoral dissertation due to Dean of Education Office</td>
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<td>(320 Allen Hall)</td>
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<td></td>
<td>3/13-17.......Spring break</td>
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<td>3/20-31.......Faculty advising for pre-registration</td>
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<tr>
<td>April 2017</td>
<td>4/3-14--------Pre-registration for summer and fall 2017</td>
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<td>4/7............ISWD Advisory Council Meeting</td>
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<td></td>
<td>4/14..........Holiday</td>
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<td></td>
<td>4/26..........Spring classes end</td>
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<td></td>
<td>4/26..........Non-Artist Exhibition, IED #209</td>
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<tr>
<td>May 2017</td>
<td>5/8............Maymester classes begin</td>
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<td>5/26..........Maymester classes end</td>
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<td>5/29..........Holiday (Memorial Day)</td>
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<td>June 2017</td>
<td>6/1............Summer first-term classes begin</td>
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<td>6/27..........Summer first-term classes end</td>
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<td>July 2017</td>
<td>7/4............Holiday (Independence Day)</td>
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<td>7/5............Summer second-term classes begin</td>
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<td>7/31...........Summer second-term classes end</td>
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<tr>
<td>August 2017</td>
<td>8/16.........Fall classes begin</td>
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**CONGRATS TO THE ISWD GRADUATES**

**Summer & Fall 2016**

**Industrial Technology:** Hunter Blain; Cory Goodin; Brian Tabor; Joshua Watson; Jay Alford; Robert Alley; Justin Arrington; James Bell; Wesley Crabtree; Philip Evans; Randy Ford; Nathan Jarrell; Joseph Jones; Andrew Kelly; Ryan Rennhack; Lazerio Todd; Mark Vaughn; Augustus Walley; Deandre Ward; Bryce Young. Total: 20

**Information Technology Service (ITS):** Latracia Beard; Justin Head; Charles Williams; Troy Davis; Emily Green; Marcio Jordan; Cameshia Shelton; Jeremy Watson; Thaddeus Zant. Total: 9

**MST:** Melinda Bailey; Devan Boatner. Total: 2

**MSIT:** Jeffrey Mitchell. Total: 1

**Ed.S.:** Justin Chandler; Michelle Carter; Stacee Christian; Marcus Henley; Whitney Peterson. Total: 5

**Ph.D.:** Andrew Manners; Alesha Johnson. Total: 2