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The University of Akron Faculty Senate Chronicle

5-4-2017

# Faculty Senate Chronicle for April 6, 2017

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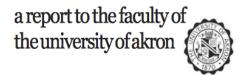
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## **Recommended** Citation

Miller, Jon. "Faculty Senate Chronicle for April 6, 2017." *The University of Akron Faculty Senate Chronicle*, 4 May 2017. *IdeaExchange@UAkron*, http://ideaexchange.uakron.edu/universityofakronfacultysenate/17

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# APRIL 6, 2016

## 115 pages

## SENATE ACTIONS

- Approved the graduation list for Spring 2017.
- Approved curriculum proposals.
- Adopted a motion to amend rule 3359-60-03.3 on repeating courses.

• Approved the reorganization of the School of Family and Consumer Science into three new separate departments: Child and Family Development, Fashion Merchandising, and Interior Design.

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## MINUTES OF THE FACULTY SENATE MEETING OF APRIL 6, 2017

The regular meeting of the Faculty Senate took place on Thursday, April 6, 2017 in room 201 of the Buckingham Center for Continuing Education. Chair Bill Rich called the meeting to order at 3:06 pm.

Of the current roster of 57 senators, 39 attended the meeting. Senators Adamowicz-Hariasz, Barrett, Coffey, Dutright, Franks, Joy, Kidd, Li, Tessier, and Willits were absent with notice. Senators Braun, Dhinojwala, Hariharan, Hreno, Mitchell, Quinn, Samangy, and Soucek were absent without notice.

#### I. Adoption of Agenda

With the unanimous consent of the body, Chair Rich added approval of the graduation list to the agenda. Senator Clark moved to approve the agenda as amended. The agenda was adopted without dissent.

#### II. Adoption of Minutes of March 2 meeting

On Senator Clark's motion the minutes were adopted without dissent.

#### III. Remarks of the Chair

Chair Rich remarked:

On the agenda for today's meeting are the election of a representative of the Faculty Senate to the University Council; curriculum change proposals from the Curriculum Review Committee; three action items from the Academic Policies Committee: a proposal to amend the rule governing repetition of courses; a recommendation to approve the reorganization of the School of Family and Consumer Sciences into three departments within the College of Arts and Sciences; a report on duplicate programs for Senate approval with changes proposed by APC; and informational reports from the Computing and Communication Technologies Committee and the ad hoc Interdisciplinary Initiatives Committee.

As you know, the Faculty Senate elects three representatives to the University Council. One of those seats is to be filled by election this afternoon. The University Council also has several committees. The Faculty Senate Executive Committee appoints Faculty Senate representatives to each of those committees. There are vacancies on two of those committees that need to be filled by the end of this month: the Communications Committee and the Institutional Advancement Committee. According to the University Council bylaws, "The communication committee is responsible for: assessing and making recommendations regarding the university's internal/external communication strategies and practices; providing/receiving feedback to/from university council on systemic communication issues; tracking issues that have a direct institution-wide impact and recommend [sic: recommending] action as appropriate; gathering feedback from the constituents that each committee member represents and bring [sic: bringing] attention to issues for consideration by the whole committee in collaboration with staff, contract professionals, faculty and students in appropriate departments." "The institutional advancement committee is responsible for studying, monitoring and making recommendations on development and alumni issues in collaboration with staff, contract professionals and faculty in appropriate departments." If you are interested in serving on either of these committees, please let me or Secretary Miller or Heather Loughney know. It is important that the Faculty Senate be well represented on all University Council committees.

Board of Trustees Chairman Bauer has informed me that he is out of town on business and therefore is unable to attend this meeting. Trustees Warren Woolford, Joseph Gingo, and Olivia Demas, and Student Trustee Zachary Michel are present. Welcome, and thank you for coming.

On Monday, April 10, the Board of Trustees is scheduled to hold its second "informational session" with four representatives of the Faculty Senate Executive Committee and four representatives of the University Council Steering Committee. The first such session, which was held on February 6, addressed the subject of spending on intercollegiate athletics. In addition to a brief follow-up focusing on a comparison of athletic spending here with that at other universities, the Faculty Senate Executive Committee has proposed that Monday's discussion focus primarily on what the Trustees see as the future of the University once we get beyond the immediate fiscal crisis. It is anticipated that this discussion will include consideration of the future of state higher education funding and the role of research and graduate education at this University.

As you know, since our last meeting, the Administration concluded that an employee buyout would not save the University enough money to warrant the expenditure. I believe that this conclusion was correct, and that the Administration was also correct in concluding that faculty retirements should no longer be treated strictly as complete separations but rather that retiring faculty members should have the option of continuing to perform those parts of their jobs that they wish to continue to perform and that the University has need for them to perform. This is a much more enlightened approach to retirement than the University has taken in the past.

On March 21, several members of the Ohio Faculty Council testified before the Subcommittee on Higher Education of the Finance Committee of the Ohio House of Representatives. (The Ohio Faculty Council, as you may recall, consists of the chairs of the faculty senates and elected representatives of each of the four-year Ohio public universities.) Their testimony address the issues of the cost of college textbooks, the College Credit Plus program, state support for higher education, and competency-based education. If anyone is interested in reading their testimony, please let me know and I will forward copies to you.

This concludes my remarks.

#### IV. Special Announcements

Dr. Stephen F. Hallam, Professor of Management, died March 13th at the age of 72, after a long battle with cancer. He continued to teach his courses until two weeks before his death.

Dr. Hallam joined The University of Akron on July 1, 1995, as Dean of the College of Business Administration. He also served as Interim Director of the Fitzgerald Institute for Entrepreneurial Studies between March 2002 and January 2003. In 2003, Hallam returned to teaching full time.

Earlier in his career, Hallam served as Dean of the School of Management at the University of Michigan-Flint, and was Associate Dean and Director of Graduate Studies in Business at Northern Illinois University. He earned a Ph.D. in Business Administration at the University of Iowa in 1973, and both an M.S. and a B.S. in Business Education at Illinois State University in 1967 and 1966, respectively.

Craig A. Holbert, an archives associate, died March 11th at the age of 49.

Mr. Holbert joined University Libraries Archival Services in 1998. Early in his career at The University of Akron, he was also a part-time assistant lecturer in the Department of History. Holbert co-authored two books: *Akron-Canton Baseball Heritage* and *Akron-Canton Football Heritage*.

He earned a B.S. in Marketing Management and Research at The University of Akron in 1989, an A.A.S. in Horticulture Science at Ohio State University in 1994, and an M.A. in History at Kent State University in 1998.

Henry (Hank) Nettling, Vice President Emeritus for Business and Finance, died March 26th at the age of 81.

Nettling earned a B.S. in Accounting from The University of Akron in 1959. He also received an Honorary Doctorate of Humane Letters from this university in 2002.

Nettling joined his alma mater in 1964, as Assistant Vice President and Controller. He held various titles over the years and, in 1999, was named Vice President for Business and Finance, a position he held until retiring in 2002.

Dr. Chaman Kashkari (Chum-un Kushkaari), Associate Professor Emeritus of Electrical Engineering, died on March 23rd at the age of 83.

A native of Kashmir, India, he joined The University of Akron as an assistant professor of Electrical Engineering in 1969, the same year he completed a Ph.D. in Electrical Engineering at the University of Michigan. In 1975, Dr. Kashkari was promoted to Associate Professor. He retired in 1994.

Kashkari devoted his research career to the use of technology to provide electricity and water to villages in Africa, India and Nepal. He authored a book entitled Energy: Resources, Demand and Conservation, which was published in India in 1975. He also raised \$1.5 million to drill water wells in 300 villages. In recognition of his leadership of the effort to end world hunger, he received the Presidential End Hunger Award at the White House from President George H.W. Bush in 1990.

In 2012, Dr. Kashkari and his wife, Dr. Sheila Kashkari, established a scholarship for women in engineering at this university.

#### V. Report of the Executive Committee

Secretary Miller reported:

The Faculty Senate Executive Committee (EC) has met on two days since the regular meeting of March 2.

On Thursday, March 16 the EC met twice. In the first meeting, the EC discussed the election of representatives from Undergraduate Student Government, Graduate Student Government, the retirees, the part-time faculty, and the academic advisors. We looked at appointments that will need to be filled and decided to solicit interest for today's election on the Senate listserv. We discussed the upcoming information session with the Board of Trustees and set an agenda for our monthly meeting with the Provost and the President.

At this meeting, we discussed the implementation of the new model for GA funding, how colleges are budgeted funds for summer teaching, fall enrollment numbers, the reception and early feedback from students about the Akron Guarantee Scholarship, and individualized retirement incentives.

On Thursday, March 23 the EC met for regular Senate business. We appointed Bryan Nichols to the Part-Time Faculty Committee. We identified a need to solicit interest from Senators for committee vacancies and planned today's election. We set an agenda for this meeting, and we talked about the upcoming information session with the Board of Trustees. We also discussed the general education program for associate degrees and our need to follow up on some issues related to part-time faculty.

This concludes my report.

## VI. Remarks of the President

President Wilson remarked on the hire of our new Chief Diversity Officer, Jolene Lane, and her main priority, retention. He noted a whole host of diversity-related events that are planned for the coming years. He spoke of the Black Male Symposium on April 7 and the large demand for tickets from black male high school students in the region. He urged faculty to join in these events.

On admissions, he noted the signing deadline was May 1, which will give us a true measure of what we might expect for fall enrollment. He noted the seat confirmations were up 22% versus last year, though down 14% versus the year before. He described the yield activities funded by the Knight Foundation as successful. He spoke of the Akron Guarantee scholarship and reported that it has been met with excitement and national media attention. He explained that this year's system has been "opt in," as the scholarship was introduced after 90% of scholarship offers had been made. He reported that 25% of students have opted in, but the acceptance rate among students who have decided is 96%. He noted that the fewer guaranteed dollars in the first year have so far saved \$650,000 for the next fiscal year.

The state budget, he noted, remains in flux. Opposition to the details of the plan has been sufficient, he believes, and perhaps the plan will undergo revision, with some mandate for universities to reduce textbook costs.

Tuition and fees, he reported, will be capped for the next two years. This will be very difficult given upticks in healthcare and other costs. Miami and Ohio have adopted the "Ohio plan," described in previous legislation, which permits increasing tuition and fees provided that these numbers are locked in for a cohort. He spoke of subscribing to this plan so that the University might be permitted to gather cost-of-living increases over the coming years.

He encouraged the faculty to study the Governor's State of the State Address of April 4, 2017, and read a few excerpts concerning four-year universities, including: "They are going to be a thing of the past if they are not careful. Rising costs are not sustainable. People are not going to pay this. Costs of operation. The way those costs are reflected in what students and parents have to pay. Our universities and colleges need to embrace technology and new ways of learning that can help us bring these costs under control. These community colleges, they rock. I am telling you. They get it. Okay." President Wilson noted this remark was met with applause. "They have teamed up with Western Governors University, it's an online college that allows students to pay a single flat low rate and move along at their own pace, while getting credit for what they demonstrate that they already know. There are four specialties. You can go there and get an online degree for a fraction. Now I have asked our universities to do something like this. I didn't get very far with them, but I've got the community colleges working on it." President Wilson explained that he was sharing this to help insure that the faculty are aware of the temperature in Columbus. He explained the nature of Western Governors and noted how he has testified about this and other matters in Columbus.

He informed the faculty that we will need to continue to work to make textbooks more affordable and be responsive to this call from Columbus. He explained that he will continue to make clear to Columbus the different challenges that Akron faces, compared to those now characterizing Ohio State, the four-year university that Columbus legislators know best.

He commented briefly on the possibility of a buyout and the need to achieve budgetary stability.

On international side of University, we have as of today, President Wilson reported, a fully staffed international recruiting operation. He spoke of the work of our executive director of

recruiting and our executive director of global engagement. He also reported on Dean Tudor's efforts to steer the university toward better service for nontraditional students.

In terms of fundraising, we are seeing more donations from alumni and institutions, and more encouragement from the community, he reported.

President Wilson concluded his remarks by describing planning as something that should be at the top of our list.

President Wilson was then available to answer questions.

Senator Elliott applauded the restraint exercised in not hiring another Vice President, and he asked if we would extend Ernst and Young's consulting contract. President Wilson noted we are in a month-to-month contract that we can terminate with thirty days' notice.

Senator Sterns asked about the rollout for the retirement program and President Wilson deferred to forthcoming remarks of the Provost.

Senator Feltey reported that students believe the daycare center on campus might be closing. President Wilson explained that in their study of expenses at the university, someone raised the possibility of closing this, because of its cost and its lack of use. He reported that parents put this back on his radar. The center has been receiving extra scrutiny. Fewer than ten students use the center, he noted, and fewer than half of the children have any affiliation with the university. He described the future of the center as under intense discussion.

Senator Schulze followed up with the remark that her students use the center more than the education students, and no one has talked to her unit. She explained the history of the center, noting that it has never received clear communication about its mission. She also spoke of the difficulty in finding quality childcare and the need for the university to communicate with the parents.

Chair Rich spoke in favor of including Senator Schulze in upcoming discussions about its future.

Senator Sterns spoke of the benefits he received from the center and of the educational opportunities afforded by such a center on the campus.

President Wilson reiterated that our financial situation is different than it was five, ten, or twenty years ago.

Chair Rich asked if perhaps something could be done to make the facility more selfsustaining and encouraged the President to avail himself of the expertise of the faculty before making a decision.

#### VII. Remarks of the Provost

Provost Ramsier answered Senator Sterns with a description of the Transition After Retirement Program (TARP), which will be described in documents released tomorrow or perhaps next week. The idea, he said, is to provide a respectful transition period for faculty who are interested in retiring. He spoke of the various duties and resources that faculty might wish to retain. He described the plan as designed not to get rid of people, but to get people off the payroll.

Provost Ramsier also reported that the MAC provosts have gotten together to create a Mid-American Conference Academic Leadership Development Program. He encouraged the faculty to look into it and apply.

Senator Fant asked if the TARP would be big enough to cover people who retired two years ago. Provost Ramsier expressed doubt that there would be additional resources for such people.

Senator Sterns asked if people retiring could retain their signing authority as administrators. Provost Ramsier answered that such things would be considered, yes. He encouraged faculty to check the box "other" and fill in whatever desired benefits the form does not suggest.

Chair Rich noted that this would bring us into better alignment with other universities, particularly some that are very highly regarded. He described this as an entirely positive step to be taking, independent of budgetary inspirations.

Provost Ramsier promised that retiring faculty would not be put through the "walk of shame" in which they perambulate to gather keys, computer equipment, etc.

#### VIII. Approval of Spring 2017 Graduation List

On Senator Nofziger's motion, the list was approved without dissent.

#### IX. Election of Representative to University Council

Senator Sterns spoke of the great opportunities for personal growth and the achievement of self-actualization through such committee service.

Chair Rich spoke of the benefits to the Senate.

Senator Allen nominated Senator Saliga. Senator Clark moved that nominations be closed and that Senator Saliga be elected by acclamation. The motion was adopted without dissent.

## X. Committee Reports

## A. Curriculum Review Committee – Chair Ramsier

Provost Ramsier presented a list of curriculum proposals (see Appendix A). The Curriculum Review Committee's motion to approve those proposals was adopted without dissent.

## B. Academic Policies Committee – Chair Klein

On behalf of the APC, Senator Klein presented three items to the Senate.

First, the proposed change to rule 3359-60-03.3 on repeating students (see Appendix B).

Senator Randby asked how this would affect current students who might wish and expect to be allowed to repeat courses at other universities for credit here. Senator Rich noted there was already a prohibition on repeating courses elsewhere, although it has not been consistently enforced. The motion was adopted without dissent.

Second, Senator Klein reported APC's recommendation of approval the proposed reorganization of the School of Family and Consumer Sciences into three separate departments (see Appendix C).

Senator Budd clarified that the faculty of the School of Art objected; BCC had reservations, and BCC suggested it be a temporary measure.

At Chair Rich's request, Senator Budd clarified the Art school's objections.

Chair Rich and Senators Klein, Randby, Bean, Schulze, and Allen then clarified the history of this reorganization, the nature of the support and the objections to it, and the limited role of the faculty in determining the organization of the administration. The motion was adopted.

Third, Senator Klein brought forward the duplicate program report with the highlighted changes (see Appendix C). Senator Sterns, Chair Rich, Provost Ramsier, and Senator Randby discussed the inclusion of a masters' program on the list which resulted

in a motion to delete mention of the masters' program. This motion to amend by deletion was adopted without dissent.

The motion to approve the duplicate program report was adopted without dissent.

C. Computing and Communications Committee – Chair Randby

Supplementing the written report (see Appendix D), Chair Randby noted that The Laptop Replacement Subcommittee has met several times, and he expressed his belief that there will be action taken soon. Chair Rich, Senator Elliott, and Provost Ramsier discussed the process for prioritizing the distribution of new laptops.

- D. Ad hoc Interdisciplinary Initiatives Committee Chair Erickson No report was introduced. It is expected to be introduced in the May meeting.
- E. Report of Graduate Council Representatives Senators Allen & Sterns Senator Allen read aloud a resolution from the Graduate Council. Chair Rich explained that Graduate Council reports to the Senate as any other Senate committee. He asked Senator Allen to distribute this in writing to the Senate listserv. Consideration of this resolution was deferred until the next meeting.
- XI. Report of University Council Representatives Representatives Roy & Allen Senator Allen promised a report next month.
- XII. New Business

Senator Hausknecht read a resolution of support to honor students and colleagues (see Appendix E). The motion was adopted without dissent.

XIII. Good of the Order

There was nothing said for the good of the order.

XIV. Adjournment

The meeting was adjourned at 4:31pm.

– Jon Miller, Secretary.

Questions and comments about the minutes can be emailed to mjon@uakron.edu or called in to x6202.

Following are the names of prospective degree candidates who have applied by Monday, April 3, 2017. This list may include degree candidates who will not complete academic degree requirements and/or reconcile all financial obligations to The University of Akron.

In the event of extenuating circumstances where a student applies late or has been inadvertently omitted from this list, authority is hereby granted to the Senior Vice President and Provost to cause such student to be added to this list upon the recommendation of the respective faculty, appropriate dean and/or graduate dean.

#### Law Degree Candidates

#### School of Law

#### Juris Doctor

Oyinade Ademola Zachary S. Arnold Rachael L. Aufdenkampe Brett R. Bencze Douglas C. Bond Joseph Bonish Gianna M. Calzola Abbey C. Chandler Timothy J. Chippy Amanda M. Connelly Kyle A. Cramer Joseph G. Daher Mario V. Dalessandro Brandon Davis Francis P. De La Serna Michael D. De Matteis Andres Diaz Rachel A. Driscoll Christopher P. Edwards Amy V. Fetchko Caleb R. Fodor Peter J. Gaitanos Eric M. Gammarino Jeremy T. Gilpatric Marcos M. Gonzalez Francis A. Grande Lee M. Grosscup Nathaniel J. Gugliotta

Yunjun Guo Danielle J. Halachoff Derek R. Hale Raymond J. Hartsough Chad H. Herrnstein Robert S. Hewitt Austin R. Hollopeter John F. Holsinger Bryce E. Horomanski Jennifer E. Horomanski Clinton J. Householder William E. Jahsman Julie A. Jakmides Anthony G. Karam Jerrold M. Kovolyan Lisa M. Light Joshua T. Lively Matthew J. Ludwig Sarah E. Lynch Haley K. Martinelli Kenneth A. Maurer Douglas W. McAlister Samuel A. Meadows Aaron M. Meikle Jacob P. Nicholas Doreen Osafo-Darko Chelsie M. Palecek Ashna Pandey Dominic M. Parish Ankita Patel Dakota S. Perez Michael F. Podolsky Brett D. Pollock Farisa M. Rana Jennifer M. Reghetti Drew C. Reilly William E. Rininger Kimberly M. Rippeth Tiffany R. Ross William E. Ryan Rebecca J. Schreiner Tristan R. Serri Danielle K. Shaffer Kelly E. Sharp Elizabeth A. Shartle Jeffrey D. Shurmer Maninder K. Sidhu John A. Simpson Matthew A. Smartnick Andrea L. Sokol

Stephen M. Spalding Kenton H. Steele Thomas A. Stickford Gregory Sussman Broc E. Sutek Andrew C. Triplett Anthony L. Venci Joshua M. Walker Pierce C. Walker Andrew L. Weiss Emily C. Williams Hobart J. Wingard Melanie F. Womer Brad M. Zebedis Jessi L. Ziska

#### Master of Laws

Raymond J. Hartsough Hobart J. Wingard

#### Doctoral Degree Candidates

#### Buchtel College of Arts and Sciences

## Doctor of Philosophy

Christopher J. Buzzelli James R. Carter Michael A. DeBord Daphne C. Fecheyr-Lippens Molly B. Hartsough Emily B. Kennedy Kaitlyn M. Root Kristin L. Santos Chantale N. Wilson Alexandra I. Zelin

#### College of Engineering

#### Doctor of Philosophy

Nana Osei B. Ackerson Amjad Almansour Ashish A. Bandekar Hong Chen Long Chen Mustafa U. Culcuoqlu Saeid Ghaniyari Benis Seied Zaniar Hoseini Rundong Hu Behnam Kiani Oian Li Rabih Mansour Ashley E. Mohrman Vivek Krishna Nagarajan Wei Niu Piyapong Pattanapanishsawat Mingzhen Zhang

#### The LeBron James Family Foundation College of Education

#### Doctor of Philosophy

Abdulmonem H. Alghamdi Huda F. Bajamal Thenesa A. Brown Bouyer Stacey L. Buser Pamela J. Engerer Sheri A. Hartman Rachele M. Kappler

Jennifer L. Warren

#### College of Polymer Science and Polymer Engineering

#### Doctor of Philosophy

Maher M. Alrashed Ajay R. Amrutkar Gamze S. Bas Elaheh A. Chamsaz Ying Chen Yu-Ming Chen Yang Chu Xiang Gao Oiming He Tianda He Jiaxi Li Tian Liang Zhuonan Liu Cesar Lopez Gonzalez Jayachandra Hari Mangalara Eric R. McClanahan Derek J. Quade Prasad S. Raut Ryan R. Salata Thomas M. Sutter Erik A. Willett Kun Yang

#### College of Health Professions

#### Doctor of Audiology

Maria C. Ballentine Sarah E. Blue Collin R. Cordery Brittany N. Cuevas Kelly M. Hayes Angela R. Pellittieri Mitchell S. Polen Laura K. Rickey Rachel D. Shoemake Karilyn D. Smith Jennifer Springmier James J. Urbanski

#### Doctor of Philosophy

Adebimpe O. Adedipe David M. Blankenship

Ulia Fisher Francesca K. Owoo

#### Masters Degree Candidates

#### Buchtel College of Arts and Sciences

#### Master of Applied Politics

Steven C. Caraboolad Matthew Lo Brittney S. Madison Emily K. Maher Jon C. Marozzi Alexander T. Pavloff Tyler J. Topp

#### Master of Arts

Thurayya H. Aliyu UmBayemake Juliana R. Amir Emmanuel Anim-Koranteng Firas N. Awadallah Christopher M. Bizub Rauslynn M. Boyd Abigail M. Brickler Benjamin W. Comshaw-Arnold Nichols P. DeCourville Elizabeth B. Doss Melissa C. Dunfee Devin T. Fairchild Sara E. Farkas Courtney M. Gazda Elizabeth A. Hall Kayla A. Hardy-Butler Courtney A. Horne April M. Knapp Casey A. Kuhajda Christopher Kuhlow Amanda Layman Wilma K. Levengood Deborah L. Loyet Melissa F. Perkins Kalie B. Scanlan Janine A. Schrembeck Elizabeth A. Shiller Melanie J. Slabaugh Courtney J. Sveda Matthew R. Thomas Paige E. Zenovic

#### Master of Arts in Political Science

William B. Blessing Alexandra M. Carter Katherine E. Cookson Brianna K. DiMichele Christopher G. Dyer Marina Pelemis Elena M. Stamm

#### Master of Fine Arts in Creative Writing

Juliana R. Amir Abigail A. Bechtel Nicholas H. Beck Holly E. Brown Kathleen R. Graca Morgan H. LaVallee Tyler J. Perry Damien M. Thomas

#### Master of Music

Anna E. Ahrens Nicholas Albanese Yurina Berrios Theron E. Brown Lauren Corcoran Amanda C. Fertal Brianna P. Finkelstein Patrick J. Hickey George Y. Limb George Y. Limb Stephanie N. Lumpkin Jessica M. McElroy Ermal Nikolla Elis R. Ramos Victoria L. Ricci Alexandria R. Schmidt Dillon L. Shidemantle Sengthian K. Sisayaket Melina Skidmore

## Master of Public Administration

Christopher D. Albright Bianka L. Hernandez Shandra L. Irish Seyedamir Kaboli Farshchi Lisa J. Lash Evelyn N. Nelson Francisca Slocombe

Carolyn E. Spath Nancy M. Vanhecke Elizabeth W. Wainaina Sean L. Weems Caroline D. Weir Daniel J. Wypasek

#### Master of Science

Nikhita Agarwal Sahar A. Alahmari Angela M. Alicea-Serrano Ashweq Seger Z Almuteiry Viswakaranreddy Ammakolla Albert M. Barbery Shruthi Bojja Darryl S. Dennis Andrew A. Edwards Rebecah E. Ford Lucas M. Gaqne Chiklith Madhukar Siva Sai Gelli Ryan A. Gopp Julian L. Grochocki Sathyendra Gujja Michael Gyamfi Sean T. Healy Naryan Katel Daniel L. Kpienbaareh Paul Krasner Deborah L. Laforest Chenfei Li Gregory D. Martin Manoj Reddy Muthireddy Solomon O. Odekunle Thomas M. O'Neill Srijith Reddy Pingili Anthony S. Posavec Edward J. Poston Alison K. Raser Andrea M. Rocchio William A. Sands Pavan Vamsi Krishna Seeram Ritesh Shrestha Lucas J. Stanek Lindsay D. Starr Tirtha R. Subedi David L. Sweet Matthew A. Tuttle Avinash Chandra Vootkuri Cody C. Wood

Lawrence Woodward Jing Xie Zhiling Zhao

#### College of Engineering

Master of Science in Chemical Engineering

Sridhar Akula Jacob Kohl Zhipeng Zeng

#### Master of Science in Civil Engineering

Ibrahim S. Alhazmi Philip B. Custer Vamshi Krishna Yadav Degala Mohamed Essam AbdelRazek Essili Elijah D. Fox Sriker Reddy Guntuka Hui Han Kyle R. Heinz Aashis Karki Pragathi Reddy Kolimi Anthony M. Lelli Robert K. McCann Brian W. McGannon Tyler M. Miller Abdulaziz K. Musallam Clark R. Schlatter Morteza M. Shakeri Hossein Abad Bimal Thapa

#### Master of Science in Electrical Engineering

Joseph Agyemang Duah Mohammed A. Ahmed Smrity Bhattarai Mohamed A. Elamin Qihang Gao Mounika Sravya Keerthana Gudipati Suranga M. Handagala Joseph P. Herbert Amr Ibrahem Jacquelynne R. Morse Sk. Nabil Nowak Sravan Kumar Pulipati Mawathage Vishwa P. Seneviratne Didem Tekgun Hao Wang

Randeel W. Wimalagunarathne Ravali Yeluri Guanglei Zhang

#### Master of Science in Engineering

Wafaa Hassan N. Ahmed Sai Sudheer Reddy Bonthu Joshua G. Burdeshaw Vincent M. Canino Jacqueline M. Carpenter Natalie Fountas-Davis

#### Master of Science in Mechanical Engineering

Sheikh N. Ahamed Douglas B. Costlow Evan T. Foreman Prashanta Gautam Maziar Lotfizadehdehkordi Jonathan A. Wilch

#### The LeBron James Family Foundation College of Education

#### Master of Arts in Education

Abdulaziz A. Alasmari Mansour H. Alshehri Patrick C. Aurand Mallory L. Barr Courtney D. Blanchard Jenna E. Brown Stephen R. Burns John Calame Piya Chatterjee Jeffrey C. Cox Dina M. Daltorio Lindsey B. Dever Steven P. Dietrich Mary E. Elias Jonathan P. Gates Jennifer Grozdanovski Mario Grozdanovski Mia A. Hall Kaitlin E. Jasko Breanna M. Koch Karen K. Koontz Galina Leqky Jackie M. Lowdermilk James A. Markino

Karen Mitchell Megan S. Morford Lauren E. Payne Megan C. Poppovich Corey R. Pound Krystal E. Reno Kay L. Rentsch Atziri Sedano Muzquiz Jeanne M. Semilia Salah A. Tamzah Virginia L. Texter Joseph E. Trocchio Joseph E. Trocchio April E. Trowbridge Michaela J. Tuesburg Megan M. Vermillion Linea L. Wade Jennifer N. Walch Katie J. Warner

#### Master of Science in Curriculum and Instruction

Nathan T. Cipar Stacy A. Collier Raelyn J. Gougler Elizabeth A. Josifov Katherine G. Markovich Alexis E. Sich Calyssa M. Smith

#### Master of Science in Education

Julie A. Costello Gerald L. Crutchfield Jessica E. Dehn Brian A. Falhamer Travis M. Williams

#### College of Business Administration

## Master of Business Administration

Ismaila Aidara Hakima Arabshahi Rachael L. Aufdenkampe Rimma A. Avanesyan Fatoumata Bah Aaron W. Bardelang Jordan E. Biagini Craig A. Brown

Kendra J. Carpenter Matthew N. Chiurco Sarah A. Coleman Oriana I. Colombo Adriana I. Coprean Kyle A. Cramer Michael D. De Matteis Manik Dhawan Alanna M. Eibel Lamise S. ElBetar Nehad A. Elkhateb Hadeer E. Elmahdy Samaa A. Elnagar Alex M. Ferrara Christopher J. Gatian Olivia C. Hartjen Raymond J. Hartsough Jacob M. Heiligenberg Sean R. Hohan Ashley E. Holder Bryan R. Hyatt Nicole A. Keller Baluki L. Kqosidialwa Rebecca Kress James A. Kutchel Ling Liu Stephanie F. Lubrano Yasmine M. Mahmoud Shreen A. Matar Khursand Mavlonazarov Spencer A. Mellert Bridget A. Miller Mona A. Moustafa Nayera H. Moustafa Alexander P. O'Hara Rehab M. Omran Meghan M. O'Neill Kyle T. Osco Noopur Parikh Joshua D. Parr Jahnavi C. Patel Carlo R. Pelosi Michael F. Podolsky Tyler J. Saffle Esraa G. Sayed Mohammad A. Shah Jami M. Shimada Tahmina Shukoori Gonçalo Soares Broc E. Sutek

Breanna M. Tilton Theresa M. Ward Scott D. Weber Morgan Wenger Bruce A. Wright Hossein Youssefi

#### Master of Science in Accountancy

Nathaniel P. Allen Karrin A. Childs Ethan Conway Amanda R. Dalpiaz Alyssa R. Lieb Daniel T. Southam Ginger M. Townsend Travis R. Vance Luke T. Yoder

#### Master of Science in Management

Olubunmi O. Akosile Fawzia M. Alamray Sandhya Bhamidimarri Thomas V. Czerny Sameera Guttula Sita Harihar Ezechiel Isaac Xin Jin Shilpa Pai Kalsank Ravi Kiran Kannegalla Sandeep Reddy Konda Sindhu Kotaru Najmuddin Rizwan Mohammed Neelima Chowdary Mulpuri Venkata Aravind Prasad Narra Arun Kumar Nethi Sri Ram Pendyala Joseph R. Potraza Rikka Vivekanand Reddy Arpita Roy Chowdhury Prathyusha Vaddepalli Reshmi Valanath Divya Vodnala Sai Tejaswini Yerramsetty

#### Master of Taxation

Darren Brennan Matthew Divis

Anthony J. Ferraro Joanne C. Finley Leah M. Finnerty Marissa C. Holman Alice R. Hottensmith Tyler J. Kette Gregory Kotorcevic Adam M. Lesar Randy J. Pavlicko Pellegrino Piermarini Madeline R. Raabe Danielle K. Shaffer Joseph M. Smith Kyle R. Vozar Miranda M. Yeaton Michelle Zdelar Martina E. Zerbola

#### College of Polymer Science and Polymer Engineering

#### Master of Science

Ruisi Chen Hui Cheng Ruonan Deng Lin Fu Zihao Gong Wei Hong Xin Huang Yuyang Ji Lun Jin Kening Lang Hao Li Manshi Li Si Li Weiyao Li Tianyi Liu Xiaohong Liu Xinye Liu Xinlin Lu GaoYan Mu Haoran Qu Yuandong Sun Xinyi Wang Xiaolei Wu Shengdong Xiao Liwen Xing Hui Xu Xing Yang Yuchen Yao

Tong Zhang Haidong Zhu Shiying Zhu

#### Master of Science in Polymer Engineering

Hamad A. Albehaijan Yizi Cheng Matthew J. Crowder Xiaoyu Cui Yipin Duan Chenrun Feng Jiawei Feng Oiang Fu Subadhra Janardhanan Tianli Ren Zixin Wang Chunding Wei Chen Yang Junhong Yang Yue Zhang Luyao Zheng

#### College of Health Professions

#### Master of Arts in Speech - Language Pathology

Jessica L. Accordino Laura A. Beebe Lindsay Bennett Amanda N. Bright Katherine I. Calnon Madison R. Corrigan Alda Anna M. Debevec Katherine E. Elias Megan T. Fitzgerald Corey M. Fleischer Ashley M. Fox Jennifer R. Graves Jason R. Horn Kelley E. Howard Destiny L. Huggins Michelle S. Hunter Emily A. Husney Courtney J. Kalman Luke C. Massery Tisha J. McCoy Stephanie N. Moore Kellie M. Noe Christina M. Pierko

Danielle E. Reymann Carly M. Slattery Alyssa Staffieri Alexandria L. Toothman Elyse M. Torrey Kellie K. Vaughan Shalise S. Weigand Lauren D. Wray

#### Master of Arts in Child Life Specialist

Alyson N. Doehne Victoria L. Matejka Alec M. Van Dyke Erika N. Zalecky

#### Master of Arts in Education

Gabriel A. Anderson Katelyn S. Blackwell Gabriella J. Brubaker Jacquelyn A. Campbell Jessica J. Cole-Robinette LaSheena R. Doxley Amanda F. Gardner Samantha L. Golden Eve D. Griffin Chanel M. Jackson Ursulla M. Jefferson Sara L. Konery Angela M. Laska Krista R. Leighty Ningyuan Ma Dana D. Maurer Shea L. McCreery Kay D. Metzler Anne R. Montgomery Jennifer L. Olin-Hitt Shelley L. Parks-Baker Chelsea A. Saxon Cherelle M. Scott Kirsten R. Sedmock Madeline N. Slack James C. Slattery Taylor A. Slemmer Kellie L. Smith Melissa L. Tessmer Zandra N. Thomas Gina L. Vitullo Chelsea L. Walton

Dawn L. Wiatrowski Tasha L. Willaford Alexa L. Young Nicole D. Young

#### Master of Public Health

David J. Letterle

#### Master of Science in Education

Faris M. Alahmari Mohammed A. Aljahni Anthony M. Ange Michael C. Bayat Mariah J. Bloom Ashley Bonenfant Catherine A. Bongiovi Jessica A. Buckel Chelsie Butler Melissa R. Carrabine Cameron E. Casimir Jonmichael T. Cheung Wendell Christian Jr William J. Cristino Melissa D. Dreisbach Tyler J. Dubina Stephanie N. Etter Christian R. Eyman Kelsey A. Finocchi Gabrielle N. Friedlund Amanda C. Gamble Christopher T. Ginley Suzanne E. Gnabah Elizabeth S. Goldsmith Grace E. Gribble Timothy A. Hargrett Eric D. Harper James E. Heiss Casey Helms Eric E. Johnson Latalia D. Jones Sairam Jorige Megan G. Kalbaugh Kushalappa Kaliyanda Poonacha Dheeraj Davis Kalluri Daniel L. Krause Alexander C. Lintner Sarah R. Moore Scott M. Nixon

Hannah M. Plybon Holly C. Powers Tyler J. Price John L. Rice Johnny M. Robinson Stephanie M. Romie Mark A. Scafidi Kristen L. Schaefer Anthony W. Scibelli Brendan K. Scott Wonkyoung Shon Brian D. Smith Travis A. Springer Angela M. Stolecki Kenneth A. Szabo Kenneth A. Szabo Jerome D. Turner Casey Vastag Gannon S. Veh Hannah L. Werth Michael P. White Max R. Yoder Desmond A. Young Lauren J. Young

#### Master of Science in Nursing

Sera Ahlawat Elie Albertini Steven M. Aslanides Carrie L. Astrab Charisse Buchanan Deanna L. Caveslio Kimberly A. Dahodwala Michelle A. Davis Satinder K. Dhillon-Dougher Dina M. Dornack Rachel L. Eqli Clytemnestra C. Fedak Joanna L. Hopkins Heidi B. Hummel Beth A. Inman Cicely N. Johnson Rose M. Johnson Nichole C. Kelsey Saissy E. Kendig Caroline F. Klein Carrie W. Kurz Faith A. Lanshe Holly M. Luzader

Darlene P. Maggard Colleen M. Manzo Saveta Mathur Brittany M. McLaughlin Elizabeth A. McMillin Margaret A. Miner Vicky M. Mohn Meredith K. Molnar Melissa R. Myers Tracey Nauer Zechariah C. Nitz Stefan Papp Stephen R. Pessefall Tiffany M. Searfoss Jordan Seese Angela M. Slates Tammy K. Smithson Stefanie T. Starcic Halyna V. Sul Jillian L. Teeter Lauren K. Welner Nichole M. Williams Allison Zeiger Evalyn F. Zimpelmann

#### Master of Social Work

Anna M. Adams Elisabeth A. Albrecht Wendy J. Biello Shannon E. Bigler Marilyn D. Bills Theodore R. Bogner Sirran S. Broomfield Lauren A. Brown Heather E. Burton Sharon G. Cade Julissa J. Coblentz Kayla Craig Nancy E. Dunn Felicia N. Etzwiler Katharine S. Fertig Jenna L. Fierro Rachel H. Fox Kimberly A. Gabel Andrea N. Garrett Alexandra Gonzalez Sarah Hayes Dorothy E. Hillaire Jennifer L. Hoffman

Joseph J. Hoffman Heather A. Hozan Maggie M. Johnson Brandon J. Jurkovich Latasha S. Kennard Theresa M. Kesic Laura A. Knapp Michelle S. Kreidler Ameleah R. Kreiner Jacalyn M. Laeng Alexis R. Lee Laura J. Maier Athena P. Mccaman Jalisa A. McCleskey Sarah M. McCormack Kaitlyn D. McCreary Therese M. McNeely Katrina Mink Monica J. Myers Christine M. Nemecek Bobbi J. Niedenthal Karla Nussbaum Morgan S. O'Neill Christina M. Pennington Jennifer R. Pierce Vindy L. Powell Rebecca M. Prather Dana L. Price Elizabeth C. Puckett Jennifer E. Ramsey Donea L. Roddy Lauren O. Rohal Ivan Rosa Annaliese J. Russell Hannah N. Segers Sandra M. Shirkey Cara N. Snyder Mylonne D. Sullivan Brittney Tanner Sylvia L. Thomas Stephanie E. Treubig Christine L. Varnes Marlon E. Walker Samantha Ward Kelsey A. Wheeler Nicole D. Whitmer Kaylin N. Wood

#### Baccalaureate Degree Candidates

#### Buchtel College of Arts and Sciences

#### Bachelor of Arts

Hannah E. Adams Sarah Ahmed Morgan E. Alley Jacob T. Altman William A. Amata Bryan S. Amatangelo Monica B. Andress Claire E. Armbruster Brett J. Auerbach Alexandra R. Balough Gabrielle K. Barnes Caitlin M. Barr Joey L. Beatty Eric A. Beque LeShe A. Bell Zarek L. Bell Hemant Bhalla Dajah C. Bishop Jessica L. Black Jessica L. Black Alexandra J. Blair Megan D. Bodenschatz Michael P. Bodnar Courtney J. Bosetti Kweku A. Bransah Anthony S. Brautigam Brady E. Brooks Derek J. Brown Derek J. Butler Natasha J. Callahan Hayley R. Cargill Andrew S. Carroll Daniel W. Cermak Gabriella C. Charley Kiara J. Chatman Isaiah M. Coleman Hannah L. Comeriato Macie J. Consolo Bianca J. Covert Stephanie S. Czech Corynne T. Dakes Sara A. Danko Rachel J. Davis Alexander M. DeChurch

Cheyanne P. Diehl Dillon M. Doerfler Milena C. Donne Debra J. Dragomir Christine S. Drescher William R. Dycus Peyton L. Eaglowski Grace E. Ebner Jocelyn M. Edie Jeremy A. Eldred Taylor Fernwalt Kortney D. Ferrell Shamari D. Fields Ryan B. Fink Gabrielle J. Fiore Demetrius A. Fisher Matthew J. Fisk Leslie V. Flores Sarah L. Foster Stephanie Foxworth Alexandra S. Frashuer Benjamin D. French Matthew T. Frimel Kailey E. Gabriel Richard T. Gallo Nicholas D. Gaspar Alexander C. Gedon Ashley A. George Megan G. Gibson Zachary A. Gilgenbach Gabrielle M. Glandorf Erin Z. Glotzer Katherine E. Graham Cortez J. Grayson Jennifer N. Green Dominic J. Grossi Robin Guiler Bailey M. Guyot Zachary R. Guzman Alana I. Hale Justin A. Hamas Elise N. Hamilton Breanna M. Hamper Nathan M. Hardie Rylan M. Hardman Sara H. Hart Mercades M. Hartney Cynthia C. Haught Joseph A. Heimbaugh David C. Hench

Abigail K. Henry Samantha K. Hickey Noor K. Hindi Jasmine N. Hoffman Chad T. Hoopingarner Andrea M. Horaitis Hannah C. Horrigan Megan S. Howell Amy L. Hrusovsky Randy D. Hugick Randy D. Hugick William A. Jackson Kyle James Dara J. Jarvis Skye J. Jarvis Donald H. Jeffries Janette M. Jeffries-Nealy Jamie L. Jobson Corrie C. Johnson Brandon F. Jones Jason M. Jurkowski Irina E. Jury Jacob B. Kalish Alex J. Kamenca Samantha M. King Madalyn A. Kipfer Camden P. Kloss Micheala R. Knight Sydney C. Krieger Emily L. Kruft Andrew M. Lairson Melissa M. Lawrence Melissa M. Lawrence Marissa L. Lee John M. Liviqni Alyssa A. Long Morgan-Leanne M. Looney Taylor M. Loy Daniel C. Lukens Margaret E. Manges David H. Mangold Alycia M. Marianut Jacob A. Marion Anita R. Marquart Shatha A. Matar Travis C. McAllister Mason P. McCarthy Torii McConnell Henry R. McDougal Kim S. Meredith

Andrew G. Miller Mark W. Mole Cory S. Monica Osmel O. Morales Aquilera Lauren M. Morrow Ian P. Murphy Aaron J. Musick Willa M. Neale Cecily J. Nelson Eddie J. Nelson Shannon C. Newnes Olivia D. Niles Frederick J. Nix Cody J. Nolan Jodi C. Noland john Non Katherine N. Nypaver Kennedy A. O'Brien Oluwaseun O. Okunowo Caitlin L. OShell Catherine E. Ott Skyler E. Palmer Allison L. Paulk Bradley N. Pearlman Sydney E. Perez Elizabeth F. Persinger Rebecca M. Petroff Nicholas J. Petrus Jason A. Petsock Jeffrey M. Phares Melissa E. Pierce Cesare P. Piermarini Alyssa R. Pinder Tyler D. Poland Marisa K. Polatas Angel T. Poole Courtney R. Powell John B. Rachal Billie K. Radcliffe Emily A. Ramey Roxana S. Rathbun Kyle W. Rea Daniel J. Redick Emily P. Reed Michael P. Reich Nicole E. Rhoades Emma E. Rice Isaiah R. Rios Ashley N. Ritter Alexandra M. Rogers

Samantha J. Rogers Samantha M. Rossman Jonathan A. Roth David A. Rudolph Arthur D. Sager Emily A. Salopeck Jaid L. Sand Kaylei L. Sapp Rebecca L. Schaming Ella M. Schantz Alexander D. Scheufler Adam J. Schwarz Savannah R. Shoaff Todd M. Simmons Elboni M. Slaughter Jesse F. Smith Khalil N. Smith Allison R. Snider Nichole M. Soltis Phillip M. Speck Alicia N. Stanovic Kelly R. Stobie Zachary D. Strickler Ashlee P. Stubbs Jennifer F. Sublett David J. Suh Devan T. Taylor Matthew W. Thomas Lauren R. Thompson Lewis W. Thompson Sadie D. Thorman Rachel N. Tobias David L. Trujillo Kelsey A. Trusnik Brett H. Tscherne Magdolin L. Turner Colin S. Valencic Scott C. VanCure Nicholas J. Vigorito Anthony Villalba Ryan N. Vincent Greta K. Vizmeg Christopher J. Vogt AryAnah M. Walker Matthew T. Wallace Michael A. Walsh Eric J. Wasek Christopher S. Weaver Sheng Chi Wei Rachel L. Weibel

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Heather D. Weldon
Jason C. Wenneman
Lachelle C. Wertz
Emily P. White
Paige L. Wiley
Adam J. Williams
Graeme E. Williams
Michael J. Williams
Savanna G. Winland
Garth A. Woodson
Jacqueline K. Yeargin
Rachel L. Yoho
Austin C. Youker
Morgan D. Zarick
Stevie L. Zarle
```

#### Bachelor of Arts in Family and Child Development

Kylie N. Berg Angela M. Elliott Jessica M. Gray Mikayla F. Gregory Cealneeka C. Hicks Katie M. Keele Kelsey J. Kiggans Anna M. Kuhn Adrianna C. Mazal Kirsten M. Miller Emily A. Paul Jamia N. Scisco Liza M. Sepulveda Rachel E. Thomas Noel N. Williams

## Bachelor of Arts in Fashion Merchandising

Taysia D. Brayshaw Ellyn E. Delisle Alicia R. Hanes Briana M. Lewis Michaela C. Stubbs Christina M. Suglio

## Bachelor of Arts in Interdisciplinary Anthropology

Maeve A. Marino Jacob A. Mixell Morgan N. Revels Kimberly R. Roby Chandler E. Shoaf

#### Bachelor of Arts in Interior Design

Danielle M. Becker Ashley M. Byerly Alyssa M. Coill Domonique B. Couch Jaclyn S. Franczak Kara A. Grossman Kourtney M. Hahn Abby C. Hanzie Xiangxiang Jiang Casey N. Littrell Tiffany M. LoCoco Anna M. Salvati Jennifer L. Tate

#### Bachelor of Arts in Multidisciplinary Studies

Claudia N. Allen Sheikema Fort Marlanea A. Franklin Shana M. Friedt Christin N. Gagliano Aaron J. Mullet Danielle M. Nicholson Paul R. Rader Chad E. Sage Theresa L. Sanker

## Bachelor of Fine Arts

Rachel L. Baade Alexis M. Beshara Brittani Bozman Abby M. Brinker Katherine S. Butler Jessica A. Friend Rachel A. Hall Cory A. Hartline Lauren C. Heddleston Adam N. Hudec Kyle D. Jackson Alexander D. Jerger Evan D. Kelly Blake E. Kintz Tyler D. Krusinski Gina D. Lanzalaco Jacob S. Lynch Danielle L. McGough Brittney N. Mihaly

Benjamin J. Miller CheTawni S. Miller Mikayla M. Murnane Alyssa N. Myers Daniel P. Myers Michael A. Pleszewski Ashley N. Porter Robert M. Powell Carmen A. Rodriguez Alix K. Rondy Jessica M. Sharp Megan E. Steele Andrew S. Trowbridge Chad M. Uehlein Ryan M. Vargo

#### Bachelor of Music

Zack M. Abbey Jason D. Burnham Angelica Fulop Neil M. Lantry Emily R. Larson Alexander D. Morris Alex M. Showers David G. Singhaus Jordan E. Wessel

#### Bachelor of Science

Hassan Abdalla Kevin Adik Eric M. Aho Eric M. Aho Chase E. Alfman Arkann Al-Khalilee Abrar N. AlNiemi Amna Amin Tyler C. Arntz Emily M. Baker Andrew B. Bangachon Brandon P. Barnes Sheriff K. Benson Lael R. Bland Cole Blasko Troy A. Bole Sushmitha Boppana Anthony S. Brautigam Samuel R. Bunting Vivian G. Campbell

Ryan J. Cantrell Andrew J. Caras Sarah E. Catania McKay M. Cavanaugh Alice Z. Chen Heather Cola Sarah A. Coleman Joanna M. Consiglio Audrey V. Crawford Emily M. Cross Stephen J. Cross Thomas C. Davenport Laura Y. DeFrain Tyler A. Diosy Sarah E. Donaldson Cassandra M. Durell Kathleen M. Durisek Chelsea R. Durrant Connor S. Emling Jason D. Eppley Brenda A. Eruo Catherine A. Fisher Sarah E. Frazee Bailey L. Fries Brandon J. Genetin Abigail J. Gindlesberger Akhila Gopal Ryan A. Gopp Gabrielle A. Gromofsky Marissa N. Gross Megan E. Grund Michael N. Haddad Anne K. Haibach Sultanah A. Hamdi Miles D. Hamilton Sarah M. Hanna Adam R. Harpley Samantha M. Hodgson Craig B. Hoffman Ashley E. Holder Channyn E. Holvey-Bates Clayton R. Hoperich Braxton L. Hornick William C. Hoyt Ashley L. Ingle Kyle Jones Jordan A. Kabellar Nicholas A. Kasmar Khrystal S. Khoury Christie V. Klinginsmith

Emily B. Lather Kaitlyn E. Layer Cynthia N. Lenhoff Cera M. Madigan Stephanie M. Maher Michael D. Marsh Brandon C. Martin Shatha A. Matar Summer A. Matar Summer A. Matar Morgan E. Melquist Matthew S. Melton Chelsea A. Miller Christopher A. Miller Raquel M. Monge Emmanuel Nageeb Nathan Nahhas Alexandria M. Nguyen Austin J. Nowakowski Mason R. Page Amanda Palmer Joshua D. Parr Mandy A. Pascu Kaitlyn R. Patacca Dhvani R. Patel Jahnavi C. Patel Jeffrey C. Pausch Michael P. Pennington Joseph N. Petrolla Daniel S. Phillips Cameron M. Pierce Nathaniel C. Plas Jacob M. Prechtl Jose M. Roberts Hannah C. Roop Sarina Rouholfada Tyler G. Sanda William A. Sands David E. Sargious Kofi Sarkodie Robert A. Scheall Kayla M. Schlosser Timothy A. Schmucker Christopher A. Skosnik Adam M. Snyderman Meredith Spitz Lucas J. Stanek Amanda M. Stofan Jacob W. Sweet Skyler R. Tallman

Kyle R. Thomas Marissa J. Tomin Bryce R. Yamat Keith R. Yohman

## Bachelor of Science in Political Science/Criminal Justice

Joseph R. Adametz Evan J. Allshouse Samuel D. Bagyina Tyler J. Baumberger Francis A. Bertuzzi Christopher J. Cacioppo Makenzie K. Callahan Tyler M. Cappa Maxwell A. Deka Rachelle O. Dugan Alex R. Earnsberger Ruben A. Garcia Erin D. Golding Michael D. Greissing Joshua P. Holahan Christian J. Howse Zakiya C. Ladner Angelo E. Lanese Cullen M. McCann Gavin R. McGowen Erica R. McLendon Samantha S. McNulty Joseph P. Mills David J. Myatt Bre'ana L. Nix Tyler J. Olenick Summer R. Owen Erick J. Passmore Taylor M. Patterson Nicholas C. Riffel Rachel L. Robertson Jaclyn F. Shutack Brendan J. Takacs-Centeno Emily M. Telischak Gary W. Truxton Nathaniel S. Wakefield Nicholas A. Williams

#### Bachelor of Science in Computer Science

Kirsten N. Baker Matthew J. Baker

Duncan A. Campbell Daniel C. Crowder Joseph S. Haddad Michael C. Hallai Emil B. Heineking David D. Highsmith Alec J. Horne Joshua A. Huff Christopher L. Hutchison Mathew C. Jackson Fred L. Johnson Douglas W. Keller Todd R. Locker Alyssa N. Myers Zachary A. Myers Anthony J. Noe Rachel N. Peline Joseph A. Persohn Tyler S. Potochnik Cameron J. Reilly Jayson M. Smith Jack E. Thompson Ryan J. Tichon Stephen W. Timcheck Emily A. Trenka Thomas C. Walters Stephen G. Wertz Lydia R. White Clay A. Wyers Kailong Yuan

#### College of Engineering

#### Bachelor of Science in Aerospace Systems Engineering

Eric N. Bohanan Jacob P. Byron James M. Cooper Adam C. George Dylan M. Lehmier Raymond G. Roos Emery A. Rowe Anna K. Selchow Elissa S. Snyder Eric F. Straubhaar Lloyd H. Utt Austin G. Wright Martin J. Zegarelli

#### Bachelor of Science in Biomedical Engineering

Ali F. Alshehri Chevonne A. Anderson Ian B. Banks Melissa R. Bentler Amanda M. Blakeman James C. Buchanan Alena Casella Hannah L. Cebull Victoria J. Ciesielczyk Stephen J. Cross Corey D. Cutlip Reno A. Dannels Clark A. DeVitis Collin Dunlap Nicholas W. Gamber Erin E. Gerber Lauren C. Goetz AlRitia J. Gore Lucas A. Gsellman Aleck J. Halvorsen Breanna M. Hlas Aaron A. Howkins Logan J. Huba Nicole M. Kelley Hallie L. Kirdahy Kerem H. Kose Andrew D. Kurcsak Molly K. Lalonde Evan R. Littlejohn Michael A. Mastran Ryan V. McNeil Matthew L. Metcalf Emily J. O'Brien Lydia R. Pamer Marisa J. Papp Carrie L. Patterson Olivia L. Petrey Hanan W. Qaqish Hannah B. Reeser Cassandra S. Roberts Hayden G. Rohrbacher Gregory A. Ruff Andrew M. Soltisz Kyle A. Stover Rebecca L. Szabo Kristin L. Thompson Kyle S. Vedra Erin R. Waples

Kristine A. Yaremko

Bachelor of Science in Chemical Engineering

Mohammad K. Almusaiteer Jehad S. Alrawajfeh Ibrahim M. Alshahrani Zachary T. Benekos Phillip D. Bertke Abdulrahman Y. Bukhari Josiah P. Callahan Trevor A. Cody Dakotah G. Cox Daniel C. Crowder John J. Demopoulos Maelani L. Dennis Kamshat Dukenbaeva Darren Goh Rawding Fouad E. Hayek Kyle W. Hodge Patrick A. Keenan Mary T. McCannon Lillian M. Mills Elizabeth J. Moore Daniel R. Nelson Shawn P. O'Brien Alexander A. Orosz Joseph F. Phillips Jason W. Pogozelski Michael J. Pribonic Zachary D. Propst Hasan Sabljakovic Jeffrey L. Sams William Sandorf Michael A. Schmitz Christopher D. Stuffel Sean L. Stybel Benjamin R. Switzer Megan E. Theaker Ethan M. Trudick Rima Vasudevan Eric M. Yurchekfrodl Steven M. Zwick Zachary Zylstra

#### Bachelor of Science in Civil Engineering

Ayman A. Alrajhi Grant J. Austin Austin K. Avery

Mohammad S. Badwi James L. Bender Ellie M. Bodnar Zachary J. Buckeye Brian J. Burns Paul J. Ciocca Brandon C. Evans Marielle R. Funk Atif A. Gadelrab Matthew J. Gatto Jessica L. Givins Zachary T. Gould Joshua G. Griffiths Brad A. Harvey Thomas E. Heffern Jeremy T. Hoxie Ryan A. Hustosky Shane T. Kelleher Andrew J. Kustec Zebadiah B. Misko Dakota S. Mohan Daniel Morgan Nicholas P. Nelson Cameron C. Ott Mallawa Thanthrige Malind A. Perera Charles A. Piqozzi Kyle R. Ramey Craig M. Rees Paul F. Schley Samuel A. Sinclair Marcus S. Summerville Nicholas E. Swank Kendall J. Sweitzer Jared E. Taylor Zachery R. Teter Joshua E. Thomas Alex G. Urbancsik Chuck E. Vickers Tyler R. Yohman Sandy S. Youssef

## Bachelor of Science in Computer Engineering

Amal H. Almahd Mark J. Archual Andrew G. Armstrong Brian J. Avramovich Daniel Barber-Cironi Joseph E. Beck Joshua B. Blanchard

Jacob A. Carroll John D. DeLonais Matthew T. Dunlap Christopher R. Estock Jared J. Ford Tyler S. Grubb Randy D. Hugick Kevin M. Kapko Jacob E. Kruse Peyton A. Lucas Timothy M. Markley Shawn P. Nicholson Daniel J. O'Brien Eric M. Rieman Nabil J. Sawan Ethan E. Schweinsberg Andrew T. Thornborough Austin R. Tyler John T. Vorhies Anthony N. Wagner Joachim N. Wyslutsky Kue Z. Yang

#### Bachelor of Science in Corrosion Engineering

Mike L. Haldi Michael A. Harris Preston C. Kelley Faycal M. Khabouchi Paul J. Kowalski Kyle J. Krause Paul D. Krell Kenton M. Lawson Nathan W. Lucas Feby K. Mathew Sean P. O'Brien Nathaniel G. Sutton Matthew G. Wachowiak Christopher E. Znosko

#### Bachelor of Science in Electrical Engineering

Samantha K. Advent Jared M. Alexander Bryan J. Banas Anthony R. Batey Cody J. Bobek Azia C. Bradley Frank G. Cabrera Xavier A. Cabrera

Garrett W. Chonko Matthew K. Crislip Trey Dale Tanner M. Daniels Michael J. Deetz Chantella N. Dent Adam R. Fada Kohl J. Finley Jacob A. Garner Allen C. Gilleland Timothy J. Griffiths Peter A. Gross Benjamin T. Hall Walker G. Hodson Brian G. Hromco Johnathan P. Johenning Kerry J. Johnson Bane Kupusovic Aaron C. Long William J. Martin Tyler M. Masters Dominic L. Mercorelli Davidson O. Okpara Ross A. Palenik Jordan C. Pearce Andray Pennington Akram K. Ragaban Kevin C. Rauh Nathaniel J. Raymondi Joshua D. Riegel Brian J. Robinson Michael J. Seredich Seth S. Shill Austin R. Tyler Benjamin J. Waters Evan J. Weisenberger Jackie L. Wolfe III Akwasi O. Yeboah Sabrina M. Zawahri Georgice Zula

## Bachelor of Science in Mechanical Engineering

Benjamin W. Adkins Zachary P. Alexander Jennifer B. Anand John T. Armentano Kelsey L. Ashmore Jacob D. Augustynovich Matthew G. Barker

Andrew J. Base Kiefer A. Beauregard Seth R. Bills Thomas A. Bose Amy K. Boyd Michael J. Carano Dominic C. Caruso Colton M. Cherryholmes Erin Cinadr Matthew J. Cymbal Elisha J. Dale Preston M. Davis John G. Detorakis Ean H. Dickerhoof Micaela C. Dyson Andrew J. Etzler Cody M. Fox Quinn A. Francisco Matthew E. Gaydos Phillip T. Geiser James H. Griggs Cody L. Gruber Jason L. Hamburger Andrew J. Hartman Nicholas R. Hartman Ryan T. Harty Ben Heckert Aaron G. Hepler Austin M. Hoff Gene E. Holston India L. Huquely Matthew W. Humeniuk Chapin Hutama Nathan J. Jackson Michael C. Jarrell Ian P. Kay Seth M. Kennard Daniel D. Kilkenny Kaitlin Klotzle Joseph A. Knaus Ryan C. Kramanak Caleb B. Krichbaum Michael K. Kubala Samuel A. Kushner Kristen L. Lapeus Kyle J. Leslie Christopher L. Lewis Ian M. Lewis David N. Lloyd Brandon Lockhart

Jacob A. Lukachinsky Ryan D. Luzar William A. McConnell Paul B. Melcher Todd L. Merry Matthew D. Michaels Gregory S. Miller Scott D. Miller Tracey A. Milliken Aaron L. Moser Matthew S. Moser Matthew A. Murrow Mark E. Naim Noah C. Nicholas Daniel T. Nicolino Joseph D. Parana Austin J. Perry Matthew V. Peterson Joshua D. Phillips Anne M. Pirie Benjamin J. Plevny Roy D. Quinn Matthew Rabenold Sam J. Rhoades Ben H. Robison Conor O. Ruppen Timothy J. Sae-Kho Jordan R. Sampson Randall E. Schelcher Leanna J. Sherman Emily C. Slovan Richard K. Smith Jeffrey L. Smith Jr Ralph W. Soehnlen Benjamin M. Speight Alexander J. Stavroff Micah C. Steiner Matthew S. Stolfer Cynthia D. Stoller Jonathan J. Stone Matthew D. Taylor Kody W. Teets Benjamin T. Todd Anatoliy A. Torchilo Daniel R. Trepke Andrew J. Tully Jered T. Tyler Alexander B. Untch Alex P. Valentine Joshua D. VanPelt

Carl V. Vilardo Owen E. Walsky Matthew J. Warner Russell L. Weaver Taquan C. Williams Nicholas C. Wilson Alex J. Wilster Natalie M. Wise Crysta A. Yamamoto Alec K. Yurchekfrodl Clayton R. Zearley Tyler J. Zermeno Danny Zito

## The LeBron James Family Foundation College of Education

#### Bachelor of Arts in Education

Bassem L. Akel Aaron P. Blankenship Alexis N. Bonner Zachary T. Brown Evony R. Bush Heather A. Cooley Kody M. Edwards Jonathan D. Hadinger Shelby A. Harris Anthony M. Pestello Ashley N. Powell Ian V. Rampa Julia E. Smaqacz Dakota J. Smith Abigail M. Trump Dallas M. Tucholski Austin S. Westfall Jaclyn A. Wloszek Daniel J. Woods Meredith D. Wooley Kelsey R. Yaich

### Bachelor of Science in Education

Nicole M. Adams Melissa D. Aguirre Dani E. Alexander Natalie L. Allen Lyndsey N. Anderson Anthony M. Anzaldi Kendal M. Baker Deborah L. Bauer

Stephanie L. Beck Amanda M. Bedell Hannah L. Bennett Taylor N. Berkshire Melissa E. Boey Stacy E. Brookover Melissa L. Bukovi Brianna M. Byer Kari J. Ciesielczyk Cayla L. Collins Kristina N. Compton Mackenzie R. Crossley Sarah E. Dannemiller JoAnna M. DiFalco Timothy J. Ellison Alexandra R. Fedorko Vilmary G. Figueroa Kassandra L. Fox Nichole S. Grant Katherine E. Greer Nick R. Gress Emily A. Gunter Amber L. Haas Stephanie M. Halle Stephanie M. Halle Sarah J. Harvey Nathan E. Hayes Christina M. Heintz Cassandra L. Henry Olivia R. Hershey David R. Hohenadel Caitlin M. Jakubek Caitlin M. Jakubek Cody J. Jerles Jacquelynn N. Kane Samantha J. Karas Thomas E. Kreinbrink Karley C. Kusan Chelsea K. Lanier Erinn K. Larsen Amanda N. Lauer Makenzie M. Lehman Amelia K. Lingruen Maria A. MacAluso Lindsey K. Mahan Lindsey K. Mahan Stephanie D. Mandalari Stephanie D. Mandalari Elizabeth J. Martin Alexandria E. Massaro

Emily B. McFee Daniel J. McGuire Katelyn M. McLaughlin Marisa Militano Emily R. Myers Alexis R. Owen Carly E. Papesh Grace M. Parker Danielle R. Parsell Tauja Q. Patterson Austin W. Quillin Erin M. Reynolds Erin M. Reynolds Meaghan R. Rooney Savannah R. Shoaff Molly A. Simmons Caitlyn A. Sloan Nikki L. Smalley Anne E. Sofranko Kassie L. Stein Kalan M. Steiner Sydney E. Stoll Melody E. Stricker Melayna N. Surace Sarah J. Susman Amanda P. Tango Sarah O. Ulrich Annabel M. Vernier Rodney W. Wayne Shelly Weese Courtney E. White Julie A. Witt Ellee M. Young Ellee M. Young Melissa Zahuranec

# Bachelor of Science in Teaching and Training Technical Professionals

Katherine D. Heinlen

## College of Business Administration

#### Bachelor of Arts

Patrick C. Carabin Jackson H. Ewing Brandon J. Genetin Seojin Hylton Jeffrey A. Kelbach

Evelyn G. Kirkendall

#### Bachelor of Business Administration

David W. Abbott Kaylon D. Alexander Danah A. Alsunaid Jacinda B. Anderson Alyssa H. Appleqate Taylor M. Armagost Tyler D. Badt Michael T. Bajc Ryan J. Baswell Brent A. Beichner David L. Belvin Joseph T. Betarie Jacob T. Bilinovich Kayli K. Bookman Kevin H. Bory Caroline R. Boyd Todd L. Bradley Robert J. Brand James P. Bristol Clayton T. Brockman Cierra N. Brown John J. Brown John J. Burnette Cody M. Busson Christopher D. Byers Derek T. Carson Camron S. Chickonoski Michael A. Cimperman Hannah L. Clemons Christopher Collins Danielle N. Cores Ashley R. Cosher Khayman G. Cox James D. Cuckler Robert G. Cuenot Nicholas G. Cwikla John T. Daniels Jonathan C. De Lapa Chad R. De Poincy Alicia D. Diasio George A. Dibo Samuel J. Distler Jessica K. Dixon Jared R. Edens Kyle D. Edmonds Rachel L. Etters

Trevor W. Farst Ryan M. Finnell Brandon M. Flack Cinara M. Foor Kaley C. Franks Jordan M. Frederick Savannah J. Fruin Angela M. Garbicz Holley N. Giblin Keith A. Ginley Zach L. Gollwitzer Lawrence W. Goodman III Ryand K. Gottschalk Adeline M. Graf Rachel E. Graham Baillie K. Gray Zachary S. Green Keli M. Guilmette Chynna R. Gutai Martin J. Haas Sean R. Hannahs Kacey M. Harris Austin J. Harrison Alexander J. Hartill Husni Hasan Daniel J. Hensler Logan W. Hershberger Jonathan E. Hodder Shelby I. Hoge John Huenergardt Emily A. Hutchison Jeremy J. Irias Admira Isakovic Joshua D. Jamison Brandon T. Johnson Joseph D. Johnson Kelsey T. Jones Kara A. Kaulius Gina C. Keller Allysa R. Kennedy Thomas J. Kennedy Thomas J. Kennedy Nicholas A. Kerkimis Taylor J. Kirian Zach D. Kisor Keileigh B. Klein Spencer K. Knowles Jeremy C. Komer Terry J. Kosek Randolph E. Kouri

Karlie J. Kowal Kyle T. Kronen Spencer M. Latona Mallory R. Lawson Yan Li Brenna L. Mack Callie A. Mack Tyler T. Maglione Julia E. Mallinak Preston L. Matos Jacob A. May Sean M. McCoy Taylor R. McCullough William C. McDermott John P. McMullen Robert J. McMullen Brianne R. Mehen Tyler J. Miller Angela F. Mira Makenzie R. Mizer Alexa K. Moeller Christian M. Moermond Michael D. Moore James E. Morocco Clayton J. Murphy John D. Myers Veljko Nikolic Karin I. Norman John P. O'Brien Joseph B. Oduho Alexander R. Oliver Michael J. O'Neill Kaleb R. Oney Sienna R. Oswalt Gage C. Paul Jacob M. Pellish Madison J. Petit Lisa M. Petro Yann D. Pfeiffer Eric C. Pliske Caley E. Plummer Sean M. Poholski Colleen C. Powers Judy S. Powers Jacob M. Prokop Hannah M. Reaman Devon R. Reif Julia A. Roberts Bryan J. Rocks Cole Roessler

Kari R. Rosato Matthew W. Rowland Alex M. Ruegg Aaron B. Salzbrenner Alexandra P. Sanborn Kylee V. Savin Joseph D. Sayre Layne C. Scheufler Amy M. Schirra Benjamin A. Schwarz Hannah P. Scipio Patrick J. Serna Ryan L. Sheppard Yves Silveira Gondim Kira L. Sizemore Kira L. Sizemore Alison N. Smeltzer Christopher M. Smith Jamie N. Snyder Meagan A. Sonntag Melanie A. Sonntag Nikolaus D. Spencer Nathanael L. Spickard Adam J. Spisak Marcus A. Stacy Thomas R. Stopper Jay C. Strelecki Matthew A. Teeters Christine M. Thigpen Dillon K. Thompson Jasmine S. Thompson Dennis J. Tomko Christina M. Tran Tyler N. Trick Travis C. VanVoorhis Kelsey A. Vaughn Kelly A. Vesey Eric T. Vlahos Daniel Vujanov Ashton N. Wackerman Bryan J. Weaver Eric T. Weber Laura E. Weiss Richard R. Wilcken Andrew J. Wilson Jerome S. Wolf Angela M. Wood Emily A. Yakubik Albert J. Zappitelli

#### Bachelor of Science in Accounting

Ahmed S. Alhamamah Nikolas G. Berry Brooks B. Bezon Kayla P. Bloodworth Karlene M. Brochu Alexander R. Burns David J. Casalinova Jr Joseph W. Chadbourne Christopher R. Chappell Gino J. Ciarimboli Jacob A. Cochran Andrew E. Crooker De'Andre A. Davis Angela R. DeBord Maria N. Detorakis Sarah E. Dick Djudelynn S. Dimanche Brittni L. Doan Wilson D. Doudna Ryan P. Dover Samuel E. Eartly Michael R. Eberly Mallory J. Etcheberry Rvan J. Giermann Dilon K. Glasko Adeline M. Graf Ryan C. Hemeyer Logan W. Hershberger Stephen M. Kee Meagan N. Leeders Scotty R. Lees Eric A. Lilly Bethany C. Loepp Brian P. Long Jessica G. Martinelli Christopher R. Matthews Joseph Mubarac Bennett M. Nelson Quyen T. Nquyen Grant R. Nowakowski Anjali S. Patel Kelly L. Pillar Mekenzie L. Prentiss Mary E. Ramnytz Tyler D. Riemenschneider Colin M. Sim Sarah A. Sivic Anthony D. Snyder

Precious A. Verdier Mark G. Weiland Andrew B. Welch Timothy A. Wisniewski

#### College of Health Professions

#### Bachelor of Arts

Nicole A. Baumann Ricci R. Emahiser Katherine E. Fike Miranda D. Hendrus Molly M. Hoover Morgan D. Kendall Angel N. Magel Alexandra L. McDonald Cortney L. Miller Matthew J. Morrison Mary-Margaret Ondack Alyssa A. Pennington Hannah E. Peterson Jaiden R. Shadwick Maria E. Skora Jessica L. Smith Krystin N. Tondra Kirsten A. Vaughn Kimberly A. Wetzel Kaitlyn E. Wiggins Jamira A. Wilcoxson Taylor L. Wisberger

## Bachelor of Arts in Child Life Specialist

Julianne Blamble Hannah E. Marcum Madison J. Noble

# Bachelor of Arts in Speech - Language Pathology and Audiology

Elexea N. Aurilio Aminetou Ba Alyse K. Bachmann Megan E. Braye Elizabeth M. Connolly Lonnie R. Johnson Sara Kabach Kendall E. Kelly Kate E. Marble

Victoria G. Moldovan Kayla M. Rogers Eleni A. Santarelli Sarah E. Suchanek Amanda C. Thomas Holly E. Tvrdik Katie L. Whyte Kaitlin D. Wortman Marley K. Yarian

#### Bachelor of Arts/Social Work

Richard A. Auberry Morgan S. Baker Abigail D. Bartholomew Michal A. Bowers Kayla N. Boyd Philip D. Burkholder Shanice N. Campbell Laiton M. Carter Rebecca M. Chaffins Catherine L. Chapin Brenda J. Clark Cortney Crabb Melissa L. Crawford Sally A. Criss Donna M. Davis Pamela A. DiBiasio Tess N. Dickerson Brittany S. Dixon Dale B. Edwards Brianna Efaw Amanda L. Fisher Nicole L. Friend Olivia H. Gutbrod Abigail R. Hohider Courtney M. Lamp Luellen Leshoure Allie R. Long April W. Magno Christian P. Marinos Shanna J. Martin William E. Mc Cormick Breana R. Mitchell Natasha A. Serbin Jennifer A. Smead Allison M. Stark Eric D. Taylor John Thomas Wilfredo E. Torres

Kia L. Tyler Faith Walters Desiree D. Wiese Heather A. Wilson

#### Bachelor of Science in Dietetics

Belinda C. Aebischer Thomas M. Arend Richard D. Auvil Averil G. Braden Melissa L. Bucci Angela M. Ciocca Maggie L. D'amico Beth N. David Stephanie L. Elias Kayla M. Ferber Kristy L. Hill Emily A. Imlay Lindsey R. Kaschak Brooke M. Kemp Sarah A. Knox Autumn M. Laurito Leianna K. Massie Adam W. Nachman Bridget M. Newman Brittany N. Paul Marko I. Paulic Miranda E. Petrigash Mary E. Petrucci Taylor M. Raybern Jenna K. Redd Emily R. Reynolds Theresa A. Serna Alexandra S. Uhalley Abby M. Wadian

## Bachelor of Science in Food and Environmental Nutrition

Sean M. Backus Wesley D. Copeland Heather M. Daniels Biying Huang Emily K. Hummel Brittany N. Kline Amanda N. Leuenberger Amanda M. Lloyd Kamryn B. Lorenzen Stormi K. Poling Ashley D. Porter

Luke A. Rocco Madison G. Stuby Gwendolyn J. Surrarrer Stormey R. Trayter

#### Bachelor of Science in Respiratory Therapy Technology

Jessica L. Aberegg Tariq O. Alharbi Courtney E. Ambrose Paul J. Arditi Amanda M. Blackburn Audrey L. Crawford Autumn L. Fessler Eleanor J. Frye Alanna K. Hanlon Amanda Kiefer Jordan M. Laviano Hayley E. Manuel Jake C. Powers Victoria A. Senko Elizabeth C. Vorhies Andrea L. Walker Lauren C. Wine Jessica Wood

## Bachelor of Science in Athletic Training

Jacob D. Balca Thomas W. Barrett Adam L. Binggeli Nathan T. Doles Abbey C. Earich Julie M. Gibson Matthew T. Heinl Ryan F. Jankowski Jeffrey D. Kuelling Bria D. Larsuel Gabrielle R. Mathews Tracie P. Mayles Haley J. Scovell Alexandra N. Ziegler

#### Bachelor of Science in Education

Lauren M. Amstutz Osta K. Atchison Jashuha M. Ayers Breana M. Barnes Eric C. Beaujon

Tyler A. Bennett Marissa L. Biclawski Jade L. Blair Katelyn R. Bottom Robert T. Boxler Cedric Brittnum Joshua A. Busse Tra'von D. Chapman Thomas C. Collier Trevor A. Cooper Brian A. Cox Rachel M. Deglau Joshua M. Delesk Robert J. Derschang Mary C. Drockton Brittany N. Ely Sean B. Goodwin Kevin M. Grau Joseph A. Greathouse Taylor M. Greniq Rachel A. Hamilton Andrew J. Hammond Andrew M. Hauser Brandon P. Hayes Mitchell W. Hepburn Jason A. Herchek Jesse K. Hobbel Jordan J. Hohl Raphaella J. Howell Nicholas J. Hoy Rhea A. Hughes Aaron M. Jackson Iris A. Javersak James A. Jefferson Adam R. Johnson Katelyn M. Kaltwasser Madeline A. Kaunas Paige E. Kelkenberg Kristi N. Kester Zachary A. Kolman Taylor J. Koop-Lantz Ryan T. Kortokrax William T. Lairson Jacob A. Lambert Christopher A. Loesch Taylor N. MacWhade Darius J. Martin Meghan A. McCants Amanda D. Montemayor Derek J. Moomaw

Jared A. Mooney Brent C. Morgan Chandler D. Morgan Jesse A. Moses Paige M. Murrock Michael T. Mysliwiec Peter P. Nguyen Lindsey E. Nickolich Chad C. Nock Vincent M. O'Leary John J. Otterman Hannah L. Palochak Jessica N. Payne Daniel D. Quallich Sydney E. Reed Symone N. Reed Alexandra N. Ricketts Amanda M. Savaqe Malik T. Scales Jeremy Schadewald Ashley K. Schaefer Tolan Shane Spencer R. Shreve Madison C. Smith Dael M. Sovchik Allen M. Starkey Cody Timosko Catherine J. Walsh John B. Williams Daniel J. Yohman Alexandra N. Ziegler Angela M. Ziegman

#### Bachelor of Science in Nursing

Maria P. Alexander Amanda N. Altieri Rachel N. Alto Natalie N. Andrews Katelyn M. Ardale Sarah M. Awwad Elane L. Babak Carli A. Baker Gabriella R. Baumberger Taylor N. Baumiller Mikayla R. Belopotosky Nicole M. Bilinovich Dakota Black Aaron L. Bodjanac

Erika R. Boni Bethany B. Brott Justin M. Brown Taylor J. Byers Jeffrey T. Byrne Ashley N. Capestrain Beverly J. Carlo Allyssa J. Carroll Caitlin R. Casentini Jessica M. Chaney Samantha C. Chaplin Pamela K. Cicigoi Briana E. Clark Ana V. Cogan Kathleen M. Considine Kathleen M. Cooper Jennifer Cordray Kelsey Cottrell Nicole M. Coughlin Darren C. Crooks Alexis L. Cross Kelli A. Crow Emma E. Davis Brendan J. Deats Nolan Ryan M. Dedinsky Megan N. Dick Thomas S. Dixon Ashley M. Dolezal Dana L. Dort Kristy N. Drachenberg Davea Y. Dubetz Katlin N. Dubravetz Claire O. Dye Elizabeth A. Eqlo Michelle M. Elkevizth Tyler T. Emery Hope H. Falla Lauren M. Fassnacht Brenda J. Ferchau Jena M. Ferrato Michaela A. Foisy Meghan E. Frantz Gina M. Frisone Geoffrey P. George Kathleen A. Gillota Lyra M. Giroux Gabrielle M. Glandorf Tiyanna K. Green Hayley N. Groubert Barbara H. Gundlach

Constance Guy Samuel F. Hardt Carly R. Hart Jessica R. Harvey Molly M. Hauenstein David J. Havener Camden G. Hayes Brenda J. Hemphill Amy L. Henkel Hailee N. Horstman Kaitlyn O. Houston Kaitlin E. Howard Holly M. Howser Chrystle G. Hoyt Kaitlyn N. Huey Joy Hwang Erin A. Jackson Alivia M. Jakab Joe A. Janis Kristen M. Johnson Allyson Johnston Angela M. Kaucic Baljit Kaur Makenzie B. Kellar Sophia M. Kellar Diane L. Kenna Cierra E. Kidd Erin K. Kmetz Michelle L. Kovach Theodore J. Kubasti Tracy Kustra Daniel S. Lawler Cole K. Lawson Melanie C. Lebo Quyen D. Le Ngoc Alexandra M. Lupo Cassandra L. Massaro Mackenna R. Mayfield Bianca B. McCail Dannin R. McClenahan Megan C. McClung Jackelyn A. McCullough Jennifer L. McEndree Morgan L. McEowen Lauren L. McNary Joseph S. McPeek Jozette M. Mehota Maria S. Meluch Krista L. Michaels Brittany F. Miihlbach

Nicole L. Mitchell Emily N. Montague Cody D. Moore Haley N. Moses Tawney N. Myatt Ashlee Myers Rose Nagy Tyler L. Newbauer Daniel E. Nolt Brittany L. Norman Emily K. Page Alyssa M. Pagni Sarah A. Parsons Cale D. Patterson Donna J. Patterson Anna L. Perkins Kristina M. Peters Meghan A. Pierce Deborah L. Platts Alexandria N. Pressman Christina M. Pumphrey Wanwan Qu Amy C. Rafferty Kailee M. Ramaekers Alexa J. Roberts Tanya M. Rodgers Mary T. Rood Mikayla R. Rorar Tamerra J. Ross Jamie R. Rouse Jenea R. Ruttino Kelly M. Salapski Nathan N. Sample Jaspreet Sangha Breanna K. Schaad Tyler J. Seabold Susan M. Settle Sarah R. Shaffer Benjamin R. Siders Sophia H. Simone Emily R. Smallsreed Nicole M. Smith Ericka D. Stauffer Caleb M. Steidl Olena A. Stetsura Ann Marie Suchy Abigail M. Sutliff Emily K. Swaim Kelsey L. Swindell Gwendolyn L. Szeligo

Megan A. Tamburiello Deana M. Tartaglia Ariel L. Thomas Tanesha N. Thomas Irene L. Tkach Sarah R. Tochinsky Kristen M. Trowbridge Nicholas G. Vasilatos Roxanne Vernyuk Mitchell C. Wall Emma A. Webb Anthony Wesolowski Caylin J. Wilhelm Sheryl A. Williams Bailey Willis Emily E. Willis Mallory J. Wilson Melanie A. Wolf Jocelyn M. Woon Ashley N. Yelton Katelyn M. Zacharias Joseph P. Zimmerman

#### College of Applied Science and Technology

#### Bachelor of Science in Automated Manufacturing Engineering Technology

Dwayne L. Hall

#### Bachelor of Science in Computer Information Systems

Paul Adkins Kelly R. Becker Logan M. Boggs Justin I. Borowski Joshua A. Bowers Clayton T. Bowes Matthew T. Christman Kenneth M. Cooper James R. DuBois Michael J. Durant Casey J. Forshey Craiq A. Frase Miranda L. Ghrist Alfonso Horner Thomas C. Howell Ace Johns Aaron M. Jones Cory W. Lowrie

Danijel Martin Stephen T. Nigriny Gregory A. Paton James R. Pettit Dustin T. Poff Austin S. Renner Michael Russell Michael A. Shaw Roman Y. Smetana John W. Strasser Luke A. Teeters Devin J. Wiese Daniel M. Williams

## Bachelor of Science in Construction Engineering Technology

Zachary J. Beadnell Christopher J. Brooker Joseph D. Cavolo Elise A. Clark Chad W. Green Blake A. Haren Benjamin H. Imburgia Dejan Jovanovic Andrew J. Pileggi Kevin A. Strauser Zachary T. Strohl

#### Bachelor of Science in Electronic Engineering Technology

Hamad A. Albuali Mohammed H. Alyoubi Dustin C. Boley Nicholas K. Bushik Joseph M. Conley Nicholas J. DiVitto Joseph R. Hlas Christopher J. Holley Timothy L. Holt Logan B. Johnson Joshua L. Jones Austin P. Morgan Nicholas P. Oriti Martin O. Rigby Brandon M. Robinson Tyler E. Schwartz Michael J. Smith

## Bachelor of Science in Emergency Management and Homeland Security

Brian D. Bursley Cody E. Collins Nicholas B. Collins Jordan E. Cupps Thomas D. Donley Logan M. Embly Elise M. Fine Brittiany M. Gemind Davone R. Green Jessica O. Hamad Nicholas S. Harsar Kyle J. Koachwav Bilal Rasul Andrew H. Samoson Christine M. Scott Anthony J. Simonetta Derek J. Volk

#### Bachelor of Science in Mechanical Engineering Technology

Abdulmonem Alshaikh Fahad S. Altariqi Ehsan Y. Bukhari Eider A. Chinquad Drew M. Chisler Albert F. Forster David R. Frederick John W. Graham Ross P. Grimm Gregory A. Haas Brendan P. Houlahan Joshua P. Jamieson Michael A. Lewis Vitaliy Y. Loza Michael D. Markle Kevin R. McGinnis Michael A. Miziker Ashley R. Moore Andrew J. Morris Michael D. Morrison Brandon M. Nilsson Joachim J. Piskach Gregory J. Raber Jeremiah A. Richard Alexander M. Sturm Joshua A. Taylor Mark A. Vecchio

Branson J. West Ammon M. White

#### Bachelor of Science in Organizational Supervision

Qusam M. Ali Tawnya Anderson Paul J. Arditi Alexis D. Bates Robert E. Beach Amita J. Birkett Robert A. Bonnett David C. Boor Brian D. Caldwell London L. Carter Judith D. Chambers Kyle R. Close Kevin O. Coates Travonte E. Cole Dillon Collins David S. Cox Gilbert P. Cox Virdie J. Cropp Violet E. Daniels Kevin M. Daugherty Edward T. Denefield Ethan S. Dilbeck Samuel J. Draper Steffani L. Dye Jennifer Esque Dinathe A. Ettner Joselyn M. Fluker Alexandria N. Forte Jerrad W. Friedrichsen Haley S. Gloss Douglas J. Gorski Kayla J. Griffin Kendall A. Grodek Michael D. Grof Darrell L. Hartman Corey M. Hochstetler Tyrel A. Horsley Michele A. Jackson-Elba Courtney R. Jacobs Kyle J. Jasany Deante E. Jones Scott S. Joseph Jason E. Kritz Victoria L. Langford Taylor D. Libby

Taylor L. Lin Theresia A. Lutz Thomas W. Magrum Jamal H. Marcus John C. Mbah Katharine M. McNeil Michael Means Kimberly L. Messer Cody A. Miller Michele R. Miller Sheila E. Miller Kyle R. Mossor Cherese Motley Christina M. Murray Nnamdi E. Obi Alyssa M. Orlandi Desiree J. Philmore Rebecca S. Pietsch Ariadna Ramos Gandia Aurora N. Rinehart Alexandria N. Robinson Vincent T. Rogers Kimberly A. Roland Marisa E. Romanchik Lacey M. Rowe Lydia K. Rundle Desirae A. Schenault Timothy J. Schmuhl Jeremiah S. Sir-Louis Susan V. Smith Amy J. Stang Megan N. Street Megan E. Tapp Ivan Villanueva Jeremy Wall Charlie D. Warner

## Bachelor of Science in Surveying and Mapping

Steven R. Cappelli Zachary D. Hayes Kenneth J. Stevenson Kevin A. Strauser Kevin L. Woeste

#### Associate Degree Candidates

#### Buchtel College of Arts and Sciences

#### Associate of Applied Science in Criminal Justice Technology

Jacob B. Biggie Milana Blaqic Ryan C. Byard Kyle T. Fix Nadine J. Gheith Gianni Hairston Micah B. Helems Nathan E. Hill Tanisha N. Hunter Cody R. Hutchison James R. Kirk Alexander J. Kornelakis Amanda R. Marconi Allison N. Nielsen Noah G. Porter DaVonna N. Reed Diamond L. Yates Jacob T. Zelei

#### Associate of Applied Science in Early Childhood Development

Leah J. Bailey Victoria A. Bell-Fortson Victoria R. Schrack

#### College of Health Professions

#### Associate of Applied Science in Medical Assisting Technology

Jessika R. Boyd Tamara L. Carlyn Christina A. Cool Kayla B. Denny Shakory J. Dorsey Jordan N. Fani Jordan P. Gatewood Mackenzie A. Greer Sosina A. Habte Keri L. Johnson Hannah M. Lehner Angela M. Mastran

Emily J. Morrell Emily N. Powell Kejja C. Powell Megan M. Schott Kayla Sweazy Maryanne Wilhelm Youa Yang

#### Associate of Applied Science in Radiologic Technology

Denise R. Andrzejczyk Ashley N. Arbaugh Terra L. Aronhalt Jani R. Bailey Courtney A. Baumann Courtney N. Blizzard Tiffany M. Burge Alexis M. Craemer April M. Croyle Katelyn M. Daugherty Kimberly Davis Mahala S. Dendinger Nicole E. Gaff Brenda N. Gal Sarah E. Hon Katherine D. Houseman Shemelis G. Janna Kathleen A. Karas Jacob M. Kousaie Cecily R. Kust Alyssa M. McLoughlin Taylor R. McMahan Ashley K. Moore Adrienne A. Petrone Kaitlyn T. Phillips Emily R. Portman Katelyn M. Primavera Melanie L. Richards Benjamin M. Rosler Jeffrey A. Sanor Brooke A. Vadnal

#### College of Applied Science and Technology

#### Associate of Applied Business in Business Management Technology

Tshana D. Anderson Madison L. Draffan Anna E. Hall

Turner A. Herman Taylor K. Jacob Jeremy P. Krul Christine D. Malboeuf Stephanie A. Shaffer Lance Stillings Christine P. Wassam

# Associate of Applied Business in Computer Information Systems

D'armar Adams Troy A. Baker Alan J. Beddow Justin I. Borowski Ross A. Caynor Serena M. Dipenti Roland A. Fontinglet Evan M. Furillo Eric T. Hodson Jamal E. Islam Ace Johns Tyree C. Lewis Daniel R. Lochtefeld Taylor D. Marchetta Vincent T. Mathews Christopher R. Mauk Nicholas N. Nemeth Nnamdi E. Obi Austin P. O'Neil Kevin J. Pang Joshua R. Pierson Joshua A. Reese Erik D. Rueschman Anthony R. Russo Trevor G. Thomas Peter P. Vang

#### Associate of Applied Business in Hospitality Management

Trevin L. Bair Trisha L. Blum Aleigha M. Craig Cortney N. Fisher Alexandria N. Forte Sarah R. Fretthold Hannah M. Gibson Brandon J. Hartel Nyeshja Malone Sapri U. Porter

Sarah R. Spicer

#### Associate of Applied Business in Marketing and Sales Technology

Lucas D. Geer

#### Associate of Applied Science in Construction Engineering Technology

Joseph L. Abbott Cameron T. Augustine Joseph D. Cavolo Nicholas B. Ciccozzi Elise A. Clark Chad W. Green Andrew M. Loveless John W. May Zaylor L. Rowley Jordan L. Tomazich Austin M. Wischt Timothy Wright

#### Associate of Applied Science in Electronic Engineering Technology

Hamad A. Albuali James Bale Nicholas K. Bushik Chad M. Creutz Nicholas J. DiVitto Lakota L. Gellner Austin T. Kaufman Thomas C. Mackintosh Austin P. Morgan Nathaniel R. Noussias Bradley W. Powell Tyler L. Price Michael J. Smith Dylan J. Stavarz Charles A. Tolbert Kan D. Wang

#### Associate of Applied Science in Emergency Medical Services Technology

Cody R. Conley Andrew T. Hopkins

#### Associate of Applied Science in Fire Protection Technology

Justin R. Heller Douglas L. Karn Nicholas R. Lansinger Clayton J. Meiners Christopher J. Moore

#### Associate of Applied Science in Land Surveying

Steven R. Cappelli David A. Fedor Kevin M. Fongheiser Tyler N. Herwerden Jacob R. Larue Kenneth J. Stevenson Aubrey E. Tobin

#### Associate of Applied Science in Manufacturing Engineering Technology

Mitchell M. Aeling Kevin T. Arters

#### Associate of Applied Science in Mechanical Engineering Technology

Cory P. Adamic Abdulmonem Alshaikh Matab A. Alshammari Carl J. Dantone Collin R. Dickey Mark A. Faris Nicholas F. Fazio Dustin R. Fickert Mitchell J. Foster David R. Frederick Seth L. Funk Kurt T. Gaiser Ross P. Grimm Kyle J. Hayes Tyler J. Keith Travis D. King Garrett T. Klisuric Jerry R. Klue Jeremy C. Mason Andrew J. Morris Brandon M. Nilsson Ryan A. Norman

Carter G. Saiben Jeremy M. Saunier Rayan S. Sirafi Alan J. Sprain Joshua A. Taylor Daniel E. Tyler Ammon M. White Sheng Yang

#### Associate of Applied Science in Paralegal Studies

Mackenzie E. Cox Zachary T. Yako

#### Associate of Arts

Amber J. Basim Marissa Beasley Eldin Beganovic Benjamin D. Benton Denerio V. Beverly Dominique L. Bonner Alexis D. Boyer Hailey J. Brake Myija M. Brown Alan M. Burden Davasja Caldwell Emma A. Carson Dreu M. Chambers Courtney T. Chester Cynthia C. Clark Kevin O. Coates Davontre M. Cohen Kevin M. Daugherty Jaylene V. Davis Na'Jzai D. Davis Ariana L. Deal Spencer M. DeVeau Andrew J. Filberg Olivia Fitzpatrick Thomas S. Flick Shantacia M. Franklin Ayris L. Frazier Alexander M. Garrett Sierra N. Geisman Davone R. Green Phal'len L. Hamilton Nathan L. Hamp Lauren T. Higgins Tyrel A. Horsley

Camille T. Houston Duaa Husein Tarah P. Jenkins Jessica A. Johns Emilee A. Johnson Jamie L. Johnson Zachary D. Jones Brandon T. Kirven Emily A. Kuntz Morgan Lee Tiera R. Lee Joseph A. Leno David C. Lewis Dominique L. Linton Alyssa A. Long Daelantae R. Marshall Sanya Martic James M. Martin Iii Valerie J. Mauck Desmond J. McDonald Romarrius D. McElroy Stacia Miller Christina M. Murray Raul Pizarro Tyler D. Poland Robin E. Porter Tyra J. Porter Nicholas J. Rabatin Amirah Rahieem Anauka A. Ramsey-Nelson Jonathon Rassavong Shantalle N. Rawls Terence L. Redic Bianca S. Rhoads Vincent T. Rogers Marisa E. Romanchik Justin A. Rumel Joel R. Sanford Christina D. Sherman Jimajah N. Smith Kristopher J. Starr Dayonna L. Taylor Kelsie J. Thein Erikah K. Tinsley Lonnae M. Watkins Darryl L. Williams Shelby L. Zemek

Associate of Science

Firdous F. Ali Tyler A. Bennett Mackauli A. Bolyard-Pizana Holly M. Brizzi Brynne E. Burgy Tyler L. Carter Ericka L. Cody Kamari A. Davis Isabella Dillon Phal'len L. Hamilton Eman Hassan Christopher L. Horn Madhav Khanal Emran Krasnici Joseph A. Leno Andrea C. Mammone Daelantae R. Marshall Dameona T. Meriweather Sondos Mishal Kristina M. Myers Dakota L. Noland Brandon P. Pipher Ta'Brianna N. Richardson Crystal Rigby Deztani D. Roberts Merriya L. Roper Eleni A. Santarelli Victoria A. Senko Cynthia Vue Linda Weyrick

#### Associate of Technical Study

Joseph Natko Israel K. Robinson

#### Wayne College

#### Associate of Applied Business in Business Management Technology

Anthony M. Adkins Lauren M. Kiner Luke G. Schar

#### Associate of Applied Business in Health Care Office Management

Sara G. Hobbs Bridget R. Trout

#### Associate of Applied Science in Exercise Science Technology

Victoria A. Reljin Caleb R. Scott Gibson Siegrist

# Associate of Applied Science in Paraprofessional Education

Jennifer Provchy

#### Associate of Arts

Jordan M. Antonino Serena L. De La Grange

#### Associate of Science

Christina L. Aylsworth Janine C. Corporal Brandon L. Covert Dawn-marie L. Crouch Corey M. Hochstetler Sabrina L. Neal Neil A. Whitesell

3,039 Total Degrees

Description	Proposal Title
SUMM-BUSTECH-15-15774	Senior Seminar in Organizational Supervision
SUMM-BUSTECH-15-15773	Human Capital Development for Technical Organizations
SUMM-BUSTECH-15-14653	Ethical Issues in the Workplace
SUMM-ENGRSCI-15-15160	Mechanical Engineering Tech
SUMM-ENGRSCI-16-16780	Construction Engineering Tech
A&S-SOCIO-15-15880	Methods of Social Research II
A&S-COMPSCI-16-18822	Computer Sci - Systems / Coop
A&S-COMPSCI-16-18823	Computer Science - Cooperative
A&S-ARTSCO-15-15870	Policing Theory and Strategy
A&S-ARTSCO-15-15871	Advanced Crime Analysis
A&S-POLSC-15-15097	Comparative Politics
BUS-FINAN-15-16212	Foundations of Personal Finance
BUS-MANGT-16-19193	Introduction to Health-Care Management
EDUC-CURR-16-17940	Foundations of Literacy
EDUC-CURR-16-17941	Teaching Multiple Texts Through Genre
EDUC-CURR-16-17944	Developmental Reading in Content Areas for Early & Middle Childhood
A&S-POLSC-16-18263	Conflict Transfor & Soc Entrep
SUMM-BUSTECH-16-17601	Business Mgmt Tech - Acct Spec
A&S-MATH-16-18024	Fundamentals of Mathematics for Primary Educators
A&S-ARTSCO-16-19125	Family Conflict
A&S-ARTSCO-16-19128	Racial Conflict
A&S-ARTSCO-16-19131	Gender Conflict
A&S-COMMUN-16-18970	Interpersonal & Public Commun
POLY-PSCI-16-18801	Polymer Chemistry
A&S-SOCIO-16-16777	Advanced Topics in Research Methods
BUS-MANGT-16-19187	Business Statistics
BUS-MANGT-16-19190	Supply Chain/Operations Mgmt
CHP-SPLANG-16-18371	The Resilient Child
CHP-SPLANG-16-18983	American Sign Language II
A&S-ARTSCO-15-15872	Crime Analysis Applications
A&S-BIOL-16-19045	Natural Sciences - Divisional
SUMM-BUSTECH-15-15771	Leading Project Teams in Technical Organizations
CHP-SPORTSCI-16-18870	Sport Ethics
A&S-COMMUN-16-19115	Intercultural Communication Theory
SUMM-BUSTECH-15-15772	Assessing & Improving Technical Organizations
SUMM-ENGRSCI-16-16730	Computer Applications in Construction
SUMM-BUSTECH-16-18573	COMPUTER INFORMATION SYSTEMS - Cybersecurity Option
SUMM-ASSOC-16-18644	Applied Cryptography
SUMM-ASSOC-16-18642	Applied Finite Mathematics
SUMM-ASSOC-16-18643	Applied Cryptanalysis
A&S-HIST-15-13460	Humanities in the Western Tradition I

BUS-BUSDEAN-16-17651	Business Communication
EDUC-CURR-16-17946	Word Study, Phonics & Spelling
EDUC-CURR-16-17942	Evaluating Language Literacy
EDUC-CURR-16-18185	Individuals with Moderate/Intensive Educational Needs:
	Characteristics and Implications
EDUC-CURR-16-18947	Early Childhood Education
EDUC-CURR-16-19197	Special Education Programming: Moderate/Intensive II
SUMM-PUBSVCTECH-15-15123	Computer Forensic Methods II
SUMM-PUBSVCTECH-15-15130	Cyber Warfare
SUMM-PUBSVCTECH-16-17142	Emer Mgmt & Homeland Sec-TRAD
ENGR-CIVILE-17-20038	Statics
ENGR-CIVILE-17-20039	Introduction to Mechanics of Solids
ENGR-ELECTE-16-19569	Power Electronics I
ENGR-ELECTE-16-19570	Digital Logic Design
SUMM-ENGRSCI-16-17511	Introduction to Mechanical Design
SUMM-PUBSVCTECH-16-19046	Cybercrime
ENGR-ELECTE-16-19576	Signals & Systems
CHP-ALLIEDHEAL-17-19836	Medical Terminology
CHP-ALLIEDHEAL-17-19839	Emergency Responder I
ENGR-ELECTE-16-19577	Digital Communication
SUMM-ENGRSCI-16-18574	Technical Drawing I

### Academic Policies Committee Report to Faculty Senate April 6, 2017

1. Rationale for **change to rule 3359-60-03.3 on repeating courses**: Currently, students are permitted to repeat a course only twice. Although rule 60-03.3 requires that all course repeats be taken within the University of Akron, lately students have been permitted and sometimes even encouraged to take repeat courses elsewhere if they have already repeated the course twice at UA, which can result in the student being underprepared for subsequent coursework at UA because the course taken elsewhere may be less demanding, and in a loss of revenue for UA. APC presents this recommendation to allow students to take more than two course repeats with permission of the appropriate dean. Although not part of the rule change, the APC would like to draw attention to the portion of paragraph F that states, "Courses must be repeated at the [U]niversity of Akron." This is especially important for courses that are required for students to move on to the next step in their programs, as taking the course at the University of Akron will ensure that they are adequately prepared to move to the next level.

2. The APC recommends the following **re-organization of the School of Family and Consumer Science into three new, separate departments**: Child and Family Development; Fashion Merchandising; and Interior Design. Each department will continue to offer the academic programs for which it is named. Because these new departments have a small number of faculty, each will share a chair or director with other units in the College of Arts and Sciences in the immediate future: Child and Family Development with the Psychology Department, and Fashion Merchandising and Interior Design with the School of Art. The new departments will retain the relevant RTP rules, curriculum, and other resources as specified in the memoranda of understanding between the departments in question and the College of Arts and Sciences. These changes have been approved by the faculty of the departments in question and BCC.

3. APC has approved the **Duplicate Program Report** (forwarded) with the highlighted changes. This report was generated by the Provost's office in collaboration with the deans of the various colleges mentioned in the report. Most changes reflect changes in programs that have already been reorganized or suspended for the reasons mentioned in the report, although in a few cases the suspension has not yet happened. APC members discovered that faculty in some colleges had not been consulted and, upon conferring with colleagues, recommended the changes you see highlighted in the document in order to more accurately reflect details of the programs in question.

Memo

11/7/16

To: Buchtel College Council

From: John C. Green, Interim Dean, BCAS

RE: Academic Programs in the School of Family and Consumer Science

I would like BCC's recommendation on a recent change in the administration of the academic programs in the School of Family and Consumer Science: the creation of three new departments of Child and Family Development, Fashion Merchandizing, and Interior Design to conduct the academic programs by the same names. See attached rationale for the change.

The new departments will retain the relevant RTP rules, curriculum, and other resources as specified in the attached memoranda of understanding.

Because these new departments have a small number of faculty, each will share a chair or director with other units in the immediate future: Child and Family Development with the Psychology Department, and Fashion Merchandizing and Interior Design with the School of Art.

I look forward to receiving your recommendation.

#### **RATIONALE REGARDING CHANGES IN THE SCHOOL OF FAMILY & CONSUMER SCIENCE**

#### 1. BACKGROUND

The separation of the programs now in the School of Family & Consumer Science and the sharing of administrators with other units is the best solution to three related problems. First, the retirement of the FCS school director and the absence of funds to replace her necessitate an interim administrative appointment with an appropriate background. Second, the separation of the three FCS programs will facilitate the growth and development each program. Third, the large number of interim administrators in BCAS reduces the availability of interim administrators. Given these circumstances, Paul Levy, chair of the Psychology Department, was the best choice to serve as interim administrator of the Child and Family Development program, and Janice Troutman, the director of the School of Art, was the best choice to serve as interim administrator programs. Both graciously agreed to undertake these tasks for the 2016/2017 academic year.

#### 2. FCS FACULTY VIEWS OF PROPOSED CHANGE

A. *The Child and Family Development (CFD) program* is a much better fit in the social sciences division than the fine arts division of BCAS. CFD is an interdisciplinary social science that shares common influences and subject matter interests with programs such as developmental psychology and family sociology. The administrative realignment will better position the Child and Family Development programs to develop affiliations and collaborations with other social science programs in the college. Sharing a department chair with Psychology offers the possibility of exploring opportunities for our students and faculty, which enhances the growth potential of the CFD programs (Pam Schulze).

B. *The Interior Design (ID) program* began in the 1980s as an interdisciplinary program between the School of Family & Consumer Science and the School of Art. Since then there have been many developments in both areas. Twenty years ago, about 50 percent of ID of programs where in a FCS school, but now a majority are located either in a School of Architecture or a School of Art. ID shares the NASAD accreditation with and furthermore supports the School of Art with its own (full six year term) C.I.D.A. accreditation. We have recently received a full six-year term for our re-accreditation and are proceeding with suggested curriculum revisions. An administrative realignment with the School of Art now would allow synergy to develop on both programs for optimizing our growth (Julie Whitmore).

C. *The Fashion Merchandising (FM) program* joined the other FCS faculty in voting to dissolve the School Family & Consumer Sciences. Because of current operating constraints, there were no funds to hire a new director for FCS. Therefore, the moves make financial sense in that sharing administrators is more cost effective than hiring a new administrator. The FM program has a number of things in common with the School of Art. The program includes a strong design component; many of FM students take elective classes in drawing, photography, art history, metalsmithing, and graphic design; some FM students minor or double major in art. We hope that an administrative realignment with the School of Art will facilitate collaborations between two programs and growth in enrollment for both (Sandra Buckland).

#### 3. VIEWS OF PSYCHOLOGY AND ART

A. This move doesn't really affect the *Psychology Department* other than that their chair will have additional duties. One could argue that this means that I have less time to devote to the Psychology Department, but I think in this context in which we are all doing more than what was our circumscribed job, I don't think that is much of an issue. No one in my home department has raised any issue about this other than to ask if I was crazy to take on additional responsibilities (seriously, that's been one common comment) and to share that they hope my leadership will help the Child and Family Development unit (from Paul Levy).

B. *The Myers School of Art* faculty do not support the administrative changes outlined in the proposed realignment between the School of Art, Fashion Merchandising, and Interior Design. With the leadership of our new director, we are once again beginning to move forward after years of doing much more with far fewer resources – budget set-backs, and loss of staff and faculty positions. We feel the additional stress on our diminished resources would further our already compromised position, and do not view this realignment as a positive move for our school, our programs, or our students (forwarded by Janice Troutman).

#### **RESPONSE FROM BCC, DECEMBER 6, 2016**

#### Dean Green-

Thank you for your personal visit to the Buchtel College Council on November 21st . You have requested input from BCC regarding the split of Family and Consumer Sciences and the new administrative arrangements for Psychology and the School of Art to oversee the new units. After much discussion, BCC has come to the following conclusions:

BCC recognizes the necessity of splitting the School of Family and Consumer Science into three units. It appears that this split will allow the three units to continue to develop, and be able to work toward satisfying certain accreditation requirements. Moreover, the retirement of the FCS school director seems to have necessitated this move.

BCC does, however, have a number of concerns about the new administrative arrangements of the three units with Psychology (for Child and Family Development) and the School of Art (for Interior Design and Fashion Merchandising):

(1) BCC would like to strongly suggest that these administrative arrangements be temporary, until such time as a true strategic plan can be developed in conjunction with the faculty of all the affected departments, along with BCC and other relevant committees within the College. While we understand that the time frame necessitated quick action on the part of the Dean's office, BCC feels it is absolutely necessary that a faculty-driven long term strategic examination be conducted as soon as possible.

(2) BCC is concerned about the continued use of interim chairs and the practice of using chairs from one department to oversee other departments, such as what has occurred with the FCS split. These practices mean that more and more administrative duties are being assigned to fewer and fewer faculty, resulting in a climate where departments are not given the chance to reach their potential. Moreover, administrators are overseeing departments in academic areas in which they likely have little or no expertise and cannot serve as the best advocate for the separate units.

(3) We are further concerned that as a result of these arrangements, certain academic disciplines are losing their representation in the College and the University (for example on BCC and Chair meetings). An independent director, and a more clearly delineated department structure, would enable these disciplines to better advocate for their students.

It has been brought to our attention that there were some concerns raised by the School of Art regarding these administrative re-alignments, some of which have been alieved. We strongly encourage the Dean to work closely with all affected departments to resolve any issues that arise in the course of these re-alignments. Finally, we would like to re-emphasize that we strongly feel that these re-alignments should be temporary, until such time as a faculty-driven strategic plan can be developed to maximize the potential of these programs for their disciplines and their students.

JP COSSEY, CHAIR BCC

Memo

1/19/17

To: Rex Ramsier, Provost

#### From: John C. Green, Interim Dean, BCAS

#### RE: Academic Programs in the School of Family and Consumer Science

I recommend the following administrative change for the School of Family and Consumer Science: the creation of three new departments of Child and Family Development, Fashion Merchandizing, and Interior Design to conduct the academic programs by the same names. The new department of Child and Family Development currently share a chair with the Department of Psychology, and the new departments of Fashion Merchandizing and Interior Design currently share a director with the School of Art. I anticipate this arrangement continuing through the 2017/2108 academic year.

This change was faculty-driven with the goal of revising and improving the existing degree programs. The eventual administrative location of these new departments will depend on the results of the program revisions through the university's curriculum proposal system.

The details of this change were agreed to by the faculty of each program and the current administrators (see attached MOUs) and approved by the Buchtel College Council (see attached FCS Change Document).

## Memorandum of Understanding

between Child and Family Development Program and Department of Psychology Buchtel College of Arts and Sciences

The Child and Family Development Program will become its own department on July 1, 2016. Psychology's department chair will be shared between the Department of Psychology and the Department of Child and Family Development.

The Child and Family Development Department will retain a Program Coordinator position. The Program Coordinator will be responsible for routine administrative and programmatic management of the unit (e.g. class scheduling, management of adjunct faculty, signing minor and certificate "add forms," and approval of course substitutions).

The current budget of the School of Family and Consumer Sciences will be divided among its programs based on objective criteria such as credit hour generation, number of faculty, and growth potential of the respective programs. Likewise, the School's scholarship funding will be divided based on the wishes of the donors, the purpose of the scholarships, and other relevant, objective criteria. Graduate assistantship funding will remain with the Child and Family Development Unit.

RTP guidelines, curricula, and merit documents will remain the property of the Child and Family Development Unit. Any future changes in these will require the approval of the program faculty.

The Child and Family Department will relocate from the 2nd floor of Schrank Hall South to the 4th floor of the Arts and Sciences Building. The space will include five offices for the full-time faculty, plus adequate space for adjunct faculty, graduate assistants, and the Center for Family Studies. The program will have access to adequate meeting/conference room space as well as access to one controlled classroom, in which supply cabinets will be left for use with all sections of the following three courses: Child Development 7400-265, Early Childhood Curriculum Methods 7400-280, and Teaching in the Early Childhood Classroom 7400-370.

The Center for Family Studies shall remain a part of the Child and Family Development Department. A full-time, bargaining unit faculty member in the Child and Family Development Department will serve as the Director. The Center's director will receive three credits of reassigned time per year.

The department will have access to administrative support staff in close proximity to the faculty. The faculty will have access to networked printers (at least one of which is color) and a copy machine with scanning capabilities as well as a fax machine located in close proximity to faculty offices.

Full-time faculty teaching loads will remain as they are for the 2016-2107 academic year. Thereafter, teaching loads for tenured or tenure-track faculty will be adjusted to 2-3 reflecting the department's master's program.

For the 2016-2017, the Program Coordinator will receive 3 credits per semester of reassigned time as well as three credits of pay over the summer. The graduate director will receive 3 credits of release time during the academic year as well as 3 credits of pay over the summer of 2017 to convert the master's degree to fully online degree.

#### Child & Family Development Master's Degree Plan

#### 5 year BA/MA programs

- We have developed a plan for an 3 year BA with a 2 year MA in Child & Family.
- We have also discussed interdisciplinary possibilities for 4-1 BA/MA with other programs
  - o a 1 year MA option for those getting a Psychology BA
  - o a 5 year BA/MA with PAUS
  - we are investigating other possibilities

#### Online MA option for Child & Family Development

Based on feedback from our graduates as well as discussions with those working in the field, an online master's would be extremely successful. Several of our courses are already in an online form, so it would require only minor tweaking to the current curriculum.

John C. Green, Ph.D. Interim Dean and Distinguished Professor, Buchtel College of Arts and Sciences

Paul Levy, Ph.D. Professor and Chair, Department of Psychology

Pamela A. Schulze, Ph.D. Professor and Program Coordinator Child and Family Development Program

Date

### Memorandum of Understanding

Between Fashion Merchandising Program and Myers School of Art Buchtel College of Arts and Sciences 8/10/16

The Fashion Merchandising Programs will administratively realign with the Myers School of Art on July 1, 2016. The Myers School of Art Director will be shared between the School of Art, the Interior Design Program and the Fashion Merchandising Program.

The Fashion Merchandising program will retain an Area Coordinator position. The program coordinator will continue to be responsible for routine administrative and programmatic management of the unit (e.g. class scheduling, management of adjunct faculty, advising program majors, "add forms," approval of course substitutions and oversee lab maintenance).

Full-time faculty teaching loads will remain as they are. The Area Coordinator of Fashion Merchandising who's teaching load which is normally a 3/3 load, receiving 1½ credits per semester of reassigned time and 1½ credits per semester of research time, will change to a 3/2 load during this transition year. There will continue to be discussions regarding similar arrangements in the future.

The current budget of the School of Family and Consumer Sciences will be divided among its programs based on objective criteria such as the size and growth potential of the respective programs. Likewise, the School's scholarship funding will be divided based on the wishes of the donors, the purpose of the scholarships, and other relevant, objective criteria. The Myers School of Art Budget Coordinator will be the approver of Visa transactions with The School of Art Director overseeing budget management.

The Fashion Merchandising Programs will maintain their current administrative staff support, sharing with Interior Design. Those responsibilities will remain the same.

RTP guidelines, curricula, and merit documents will remain the property of the Fashion Merchandising Unit. Any future changes in theses are will require the approval of the program faculty. An adhoc committee will be formed to assist in those processes.

After July 1, the academic program and all the courses central to the program will migrate from the 7400 number (Family and Consumer Science) to a new number, 7420 (Fashion Merchandising). Any courses that will continue to be shared by other programs in Family and Consumer Science will remain with the 7400 number. (attached is a DRAFT list of courses, supplied by Dr. Gunn)

Both programs will remain in their existing space on the first and 2nd floors of Schrank Hall South. They will be given the additional office and classroom space once used by the Family and Child Development Program. Rooms 215 f, g, h, j, k, u, and room 220 will be re-allocated by the School of Art Director in consultation with both programs once Family and Child Development relocates to the Buchtel College of Arts and Sciences building. The program will have access to gallery space within the School of Art adhering to the guidelines set by the Myers School of Art Gallery Committee and the Emily Davis Gallery Director. Additionally, students will have access to the Graphic Services Area (room 151) in the Myers School of Art.

John C. Green, Ph.D. Interim Dean and Distinguished Professor Buchtel College of Arts and Sciences

Janice Troutman Professor, School Director Myers School of Art

landra Buckland

Sandra Stansbery Buckland, Ph.D. Professor, Coordinator Fashion Merchandising Program Myers School of Art

Date

8.22.16 Data

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Date

#### Memorandum of Understanding Between Interior Design Program and Myers School of Art Buchtel College of Arts and Sciences 8/10/16

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The Interior Design Programs will administratively realign with the Myers School of Art on July 1, 2016. The Myers School of Art Director will be shared between the School of Art, the Interior Design Program and the Fashion Merchandising Program.

The Interior Design program will retain a Director of Interior Design Program position. The program Director will be responsible for routine administrative and programmatic management of the unit (e.g. class scheduling, management of adjunct faculty, advising program majors, "add forms," approval of course substitutions and oversee lab maintenance).

Full-time faculty teaching loads will remain as they are. The Director of Interior Design who's teaching load which is normally a 3/3 load, receiving 1½ credits per semester of reassigned time and 1½ credits per semester of research time, will change to a 3/2 load during this transition year. There will continue to be discussions regarding similar arrangements in the future.

The current budget of the School of Family and Consumer Sciences will be divided among its programs based on objective criteria such as the size and growth potential of the respective programs. Likewise, the School's scholarship funding will be divided based on the wishes of the donors, the purpose of the scholarships, and other relevant, objective criteria. The Myers School of Art Budget Coordinator will be the approver of Visa transactions with The School of Art Director overseeing budget management.

The Interior Design Program will maintain their current administrative staff support, sharing with Fashion Merchandising. Those responsibilities will remain the same.

RTP guidelines, curricula, and merit documents will remain the property of the Interior Design and Fashion Merchandising Unit. Any future changes in theses are will require the approval of the program faculty. An adhoc committee will be formed to assist in those processes.

After July 1, the academic program and all the courses central to the program will migrate from the 7400 number (Family and Consumer Science) to a new number, 7410 (Interior Design). Any courses that will continue to be shared by other programs in Family and Consumer Science will remain with the 7400 number. (attached is a DRAFT list of courses, supplied by Dr. Gunn)

Both programs will remain in their existing space on the first and 2nd floors of Schrank Hall South. They will be given the additional office and classroom space once used by the Family and Child Development Program. Rooms 215 f, g, h, j, k, u, and room 220 will be re-allocated by the School of Art Director in consultation with both programs once Family and Child Development relocates to the Buchtel College of Arts and Sciences building. The Interior Design Program will be on the schedule of the Emily Davis Gallery for one week during the C.I.D.A. accreditation review visit. The program will have access to gallery space within the School of Art adhering to the guidelines set by the Myers School of Art Gallery Committee and the Emily Davis Gallery Director. Additionally, students will have access to the Graphic Services area (room 151) in the Myers School of Art.

John C. Green, Ph.D. Interim Dean and Distinguished Professor Buchtel College of Arts and Sciences

Janice Troutmàn Professor, School Director Myers School of Art

Julie Whitmore, MA Associate Professor, Director of Interior Design Program Myers School of Art

Date

8-12-2016 Date

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### The following format is suggested for reporting.

I. Chart listing duplicate programs not targeted for action and the rationale for continuing the program in its current form (e.g., robust enrollment and program completion; program central to institutional mission and/or reputation;

	ProgramName	Rationale for Leaving Program in Its Current Form
	Chemical Engineering 140701	UA has graduated 145 B.S. students in ChE the last five years, relative to 88 for CSU and 56 for YSU. Cost per degree, according to the State, has YSU at \$94,914, CSU at \$86,041 and UA at \$82,829. Thus, not only has UA graduated more students, they have done so in a more cost- efficient manner. For Fall 2016, the # of ChE majors was 403, while the placement rate (6- months from graduation) was 80% for this past year. Additionally, the average starting salary for ChE graduates this past year was \$61,600.
E N G	Civil Engineering	UA has graduated 165 B.S. students in CE the last five years, relative to 88 for YSU and 86 for CSU. Cost per degree, according to the State, has CSU at \$92,470,YSU at \$73,327 and UA at only \$59,940. Thus, not only has UA graduated more students, they have done so in a much more cost- efficient manner. For Fall 2016, the # of CE majors was 379, while the placement rate (6-months from graduation) was 94% for this past year. Additionally, the average starting salary for CE graduates this past year was \$52,200.
I N E R I	Computer Engineering	UA has graduated 72 B.S. students in CpE the last five years, relative to 42 for CSU. Cost per degree, according to the State, has CSU at \$79,508 and UA at \$62,860. Thus, not only has UA graduated more students, they have done so in a much more cost-efficient manner. For Fall 2016, the #of CpE majors was 268, while the placement rate (6-months from graduation) was 94% for this past year. Additionally, the average starting salary for CpE graduates this past year was \$58,500.
N G	Electrical Engineering	UA has graduated 134 B.S. students in EE the last five years, relative to 116 for CSU and 76 for YSU. Cost per degree, according to the State, has YSU at \$74,774, CSU at \$69,406 and UA at \$68,111. Thus, not only has UA graduated more students, they have done so in a more cost- efficient manner. For Fall 2016, the # of EE majors was 343, while the placement rate (6-months from graduation) was 83% for this past year. Additionally, starting salaries for EE graduates this past year was \$61,000.
	Mechanical Engineering	UA has graduated 427 B.S. students in ME the last five years, relative to 173 for CSU and 119 for YSU. Cost per degree, according to the State, has YSU at \$77,026, CSU at \$75,439 and UA at \$60,152. Thus, not only has UA graduated more students, they have done so in a much more cost-efficient manner. For Fall 2016, the #of ME majors was 1154, while the placement rate (6-months from graduation) was 89% for this past year. Additionally, starting salaries for ME graduates this past year was \$59,200.

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	Business Administration and Management, General 520201	No change planned due to robust enrollment
В	Accounting 520301	No change planned due to robust enrollment
U S I N	Finance, General 520801	No change planned due to robust enrollment
E S S A D	Human Resources Management/Per sonnel Administration, General 521001	No change planned due to robust enrollment
M I N I S T R	International Business/Trade/C ommerce 521101	No change planned due to robust enrollment
A T I O	Management Information Systems, General 521201	No change planned due to robust enrollment
Ν	Marketing/Market ing Management, General 521401	No change planned due to robust enrollment
	Economics, General 450601	No change planned due to robust enrollment

Art Teacher Education 131302	Consistent enrollment and program completion, program central to comprehensive school of art and to institutional mission therefore not duplicative.
Graphic Design 500409	Robust enrollment and program completion, program central to comprehensive school of art and to institutional mission therefore not duplicative. BFA in art degrees granted, not specific to emphasis area
Fine/StudioArts, General 500702	Consistent enrollment and program completion, program central to comprehensive school of art and to institutional mission therefore not duplicative.
Art History, Criticism, and Conservation 500703	Program is support area and essential for the entire school of art. A complete comprehensive School of art is central to the institutional mission, therefor not duplicate. One emphasis in BFA degree.
Sculpture 500709	Program central to comprehensive school of art and to institutional mission therefore not duplicative. BFA in art degrees granted, not specific to emphasis areas.
Printmaking 500710	Program central to comprehensive school of art and to institutional mission therefore not duplicative. BFA in art degrees granted, not specific to emphasis areas.
Philosophy 380101	Philosophy's primary function is to support Gen Ed as well as service to other fields, such as biomedical ethics. The major is incidental to these activities and thus not duplicative. Many Philosophy majors go on to Law School.
English 230101	English program is focused on composition, technical and creative writing and thus not duplicative.
Spanish Language 160905	Specialized program and this not duplicative: a large number of students who have declared Spanish their second major, there are nearly 100 Spanish minors, and 50 students working toward a Certificate in Spanish for the Health Professions.
FrenchLanguage 160901	French major offers two tracks: a traditional one as well as French and Francophone Studies, along with a Certificate in French and Francophone Studies. Numerous majors and minors. Not a duplicative program.
Music Education 131312	Ninety-nine percent placement rate for music teacher jobs; one hundred percent if students will go out of state. An essential and very successful program.
Music, General 500901	Excellent program that serves undergraduate majors and non-majors in their education; essential to prepare music education majors. Much individual and ensemble instruction.
Music Performance General 500903	Excellent program that serves undergraduate majors and non-majors in their education; essential to prepare music education majors. Much individual and ensemble instruction.

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Music Theory and Composition 500904	Key program supported by Music Education and Performance Majors who must take Theory as part of their degree requirements; an essential knowledge base for Music majors.
Drama and Dramatics/Theatr e Arts, General 500501	Theatre major was dormant, reauthorized for three years starting with academic year 2016-2017. Concentrates on dramatic (not musical) theater, therefore not duplicative. This distinctive programs has good prospects for growth in the near term.
Dance, General 500301	A broadly based dance program serving dance majors in ballet and contemporary/modern dance. Beginning to work with new National Choreographic Center here; therefore, non-duplicative. Allied with Dance Institute, teaching young children how to dance, to perform in recital, etc.
Computer Science (CIP Code 110701)	Program in high demand; high completion rates (85%+); near 100% placement rates; cost effective relative to other institutions; Program includes programming languages, bioinformatics, compiler design and optimization; Program supports College of Engineering, College of Business Administration and College of Education programs.
Biology/Biological Sciences, General (CIP Code 260101	The program is central to the mission of The University of Akron (UA), and thus is important to UA's reputation. Our program enjoys high demand, enrolling an average of 138 students per year over the last 6 years, with an average retention rate of 84%. In fact, Biology enrolls and retains the largest numbers of science students at UA. Additionally, UA's Biology program is the most efficient of the NE Ohio universities, producing 21.2 degrees per tenure track professor, a 33% higher rate than the next highest rate (15.9 degrees/TT faculty at Youngstown State).
Pre-Medicine Pre-Medical Studies 511102	Mirrors Biology rationale: The program is central to the mission of The University of Akron (UA), and thus is important to UA's reputation. Our program enjoys high demand, enrolling an average of 138 students per year over the last 6 years, with an average retention rate of 84%. In fact, Biology enrolls and retains the largest numbers of science students at UA. Additionally, UA's Biology program is the most efficient of the NE Ohio universities, producing 21.2 degrees per tenure track professor, a 33% higher rate than the next highest rate (15.9 degrees/TT faculty at Youngstown State).
Mathematics, General (CIP Code 270101)	The program is central to the mission of The University of Akron (UA). Mathematics is the 'M' in STEM. The Science and Engineering programs on campus benefit from an active program, in terms of service courses at the upper level for students interested in minors, and inter-disciplinary undergraduate research. Our distinctive 5-year BS/MS program in Mathematics allows students to prepare for teaching careers in community colleges or school systems.

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	Applied Mathematics, General (CIP Code 270301)	The program is central to the mission of The University of Akron (UA). Mathematics is the 'M' in STEM. The Science and Engineering programs on campus benefit from an active program, in terms of service courses at the upper level for students interested in minors, and inter-disciplinary undergraduate research. Our inter-disciplinary BS degree allows students to focus their studies in any of a large numbers of STEM and non-STEM fields. Our 5-year BS/MS program in Applied Mathematics prepares students for technical work in many local companies. Our unique 5-year program, designed with various industries in mind, combine a BS in Applied Mathematics with an MBA (insurance and related fields); a BS in Applied Mathematics with an MS in Polymer Engineering (polymer industry); and a BS in Applied Mathematics with an MA in Economics (planning and broad finance areas).
	Chemistry, General (CIP Code 400501)	The chemistry program at The University of Akron is the largest in the region, with 130 graduates with BS and BA degrees in chemistry since 2012. Chemistry is an essential program at the University. Chemistry is a core discipline in the physical sciences, and the chemistry department provides service teaching to many other departments in arts and sciences, engineering, and nursing. Additionally, the chemical sciences are central to the University's long term strengths in STEM disciplines, in particular with regard to Polymer Science and Polymer Engineering as well as Chemical Engineering.
	Geology/Earth Science, General (CIP Code 400601)	The Department of Geosciences is central to The University of Akron's (UA) educational, research, and service missions. UA graduates about a third of all geology majors in NE Ohio (at the highest efficiency rate of 10.2 degrees/tenure-track faculty, 36% higher than the next most efficient university, Kent State). The Department of Geosciences also supports the accreditation needs of UA's programs in Engineering and Education as well as aiding Biology and teaching general education courses to over 3,000 students per year. UA's Geoscience program is distinct in NE Ohio in its emphases of geomicrobiology, coastal geology, karst/cave geology, and GIS of physical systems. Geosciences faculty at UA operate the only anaerobic microbiology, environmental magnetism, and high-pressure/temperature rock mechanics laboratories in NE Ohio.
	Physics, General (CIP Code 400801)	This program is central to the mission of The University of Akron (UA). Physics is a core discipline in STEM and the physics department provides service teaching to many other departments in arts and sciences, engineering and education. The number of students graduating with a BS in physics from our department is comparable with the numbers from Cleveland State University and Youngstown State University. However, our program is more cost-effective as UA has the lowest cost per degree in the region. This program essential to core mission of University; Department courses are foundational to other degree programs in the Sciences, Engineering and Education. Physics graduated 13 majors from 2012-2015. This number is comparable to the majors produced at Cleveland State University and Youngstown State University, and it is notable that Akron has the lowest cost per degree of the regional universities.

	H:\Huth\duplicate program reporting COMPILED	6 of 16
Criminology 450401	Criminal justice/safety studies (430104) and criminology (450401) —these will be re- new interdisciplinary criminal justice/criminology degree. Criminal Justice/Safety St Criminology 430101 - A new interdisciplinary degree in criminology and crimin replacing existing degrees. It will be unique in the state and thus not duplicative.	udies,
Criminal Jus Safety Stud 430104	Inew interdisciplinary criminal justice/criminology degree. Criminal Justice/Satety St	udies,

	H:\Huth\duplicate program reporting COMPILED 7 of 16
Public Relations/Image Management 090902	A very strong program in the School of Communication in an area of high job demand. Not duplicative of other programs in the region.
Radio and Television 090701 (Media Studies)	A unique cross-modality program in the School of Communications featuring social media, radio and television. Not duplicative of other programs in the region.
Organizational Communication, General, 090901	An innovative program in the School of Communication featuring the special needs of public and private organizations. Not duplicative of other programs in the region.
Speech Communication and Rhetoric 090101	A traditional program of the School of Communication offered in concert with other unique degrees. Not duplicative of other programs in the region.
Psychology, General, 420101	Psychology is one the largest majors campus, with a strong emphasis on Industrial/Organizational, Counseling, and Aging as well as experiential learning. Not duplicative of other programs in the region.
Political Science and Government, General 451001	Program focuses on US government and international relations, with a special focus on applied politics and public policy. Not duplicative of other programs in the region.
International Relations and Affairs 450901	Program focuses on US government and international relations, with a special focus on applied politics and public policy. Not duplicative of other programs in the region.
Sociology, 451101	Program with emphasis on health, social welfare, and family structure, with unique connections to community groups. Not duplicative of other programs in the region.
History, General, 540101	Program focuses on US History unlike other programs in the region and thus not duplicative. Many graduates attend law and business school.
Anthropology, 450201	Program with strong focus on cultural anthropology and archeology and an emphasis on research methods. Not duplicative of other programs in the region.

11.0201 Computer Programming/Pro gramming, General Computer Information Systems, Programming Option, BS	Newer program with substantial and growing enrollment; substantial projected job growth in northeastOhio; accredited program (ACBSP); excellent student placement.
52.0201 Business Administration and Management, General Business Management Technology, General Option, AAB	
52.0302 Accounting Technology/Techn ician and Bookkeeping Business Management Technology, Accounting Option, AAB	Accredited program (ACBSP); duplicated programs exist at Kent State University regional campuses; projected job growth in northeast Ohio; program currently in UA review cycle.
52.1401 Marketing/Market ing Management, General Marketing and Sales Technology, Advertising & Sales, AAB (under provost review 4/2016)	No duplication; Advertising AAB degree curriculum has been revised to include aspects of suspended Sales AAB degree program.

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	15.0303 Electrical, Electronic and Communications Engineering Technology/Techn ician Electronic Engineering Technology, AAS	Accredited program (ETAC of ABET); high local demand for graduates; solid student placemen	ıt.
	15.0303 Electrical, Electronic and Communications Engineering Technology/Techn ician Electronic Engineering Technology, BS	Accredited program (ETAC of ABET); excellent student placement; high local demand for graduates.	
	15.0805 Mechanical Engineering/ Mechanical Technology/Techn ician Mechanical Engineering Technology, AAS	Accredited program (ETAC of ABET); substantial enrollment and program completion; excelle student placement; projected job growth; high local demand for graduates.	nt
	15.0805 Mechanical Engineering/Mech anical Technology/Techn ician Mechanical Engineering Technology, BS	Accredited program (ETAC of ABET); substantial enrollment and program completion; substar projected job growth; high local demand for graduates.	ntial

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		10.01
51.0904 Emergency Medical Technology/Techn ician (EMT Paramedic) Emergency Medical Services, EMT/Paramedic and Fire/Medic, AAS	EMT and Paramedic training program partnerships with local hospitals; strong regional/local demand.	
24.0101 Liberal Arts and Sciences/Liberal Studies Associate of Arts,AA	Robust enrollment and program completion; primary degree pathway for ECHS students.	

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	H:\Huth\duplicate program reporting COMPILED 10 of	f 16
Coaching (CIP 131314) CSU 34/KSU 124/UA	Both of these programs are housed in CHP, however, LJFF COE issues teacher licenses for these majors. Relevant UA degree plan codes with 7 year trend data show COE admits have decreased: 555000BS Physical Education 78%. 557000BS (one admit in AY17, relatively new program). I am aware that CHP faculty are working to combine PE and Health into one degree so as to increase enrollment. RECOMMENDATION: Keep. Perhaps as baby boomers retire, there will be a demand.	÷ +
/Middle Level Education (CIP	The Middle Level Program prepares candidates for licensure in two selected areas, Language Arts, Math, Science, Social Studies with possibility of adding other areas as a Generalist (4-6). Uniquely, beginning Fall 2017 Candidates will be dual licensed with Special Education added as part of the exemplary Dean's Compact initiative in Ohio. Preparation includes experiences that are rich and diverse in clinical work throughout the program and strong in Literacy as candidates must soon take an additional licensure exar in Reading. Relevant UA degree plan codes with 7 year trend data show COE admits have decreased: 520300 BS Middle English/Language Arts and Science -67%; 520301 BS Middle English/Language Arts and Math -71%; 520302 BS Middle English/Language Arts and Social Studies -62%; 520303 BS Middle Science and Math -55%. 520304 BS Middle Science and Social Studies -52%; 520305 BS Middle Math and Social Studies -73%. RECOMMENDATION: Keep and hire a new faculty member, as- there are only 2 faculty who teach in this area.	⊦ +
131210). <del>CSU</del> 216/KSU 337/UA	Relevant UA degree plan code is 520208BS with 7 year trend data show COE admits have- decreased -53%. Only one FT TT faculty teaches in this area, although another is choosing to teach in this area. The faculty voted to suspend admissions to this program with eventual elimination in favor of the new Early Childhood Inclusive Education Program (a dual license program with specia education CIP 131015).	n
English/Language Arts Education (CIP131305). <del>KSU</del> <del>27/UA 88/YSU 52</del>	Robust enrollment and strong impact on community. This accredited program engages students in intensive and sustained clinical experiences, in diverse settings. Methods courses are embedded in area schools, and candidates teach, tutor, and mentor youth under the direct supervision of faculty experts in both content and pedagogy. This program was the first to use the clinical model of teacher preparation at Barberton High School. Overall admits to the University from Barberton are significantly increasing (as SEI data shows the clinical model has positively impacted student self-efficacy and perception of themselves as college capable). The sole faculty member with credentials to teach in this content area retired and no existing faculty wish to retool. Relevant UA degree plan code is 530701BA with 7 year trend data show-COE admits have decreased 42%. RECOMMENDATION: Keep and hire a new faculty member.	

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D U C A T I NStrong demand for graduates with science licensures, especially in high need districts. accredited science program prepares graduates to work with high-need students throug intensive and sustained clinical experiences. Methods courses are embedded in area schools, and candidates teach, tutor, and mentor youth under the direct supervision of faculty experts in both content and pedagogy. Program offers flexible pathways for non traditional students and is aligned with university mission.N33/UA 25/YSU 17Relevant UA degree plan codes with 7 year trend data show COE admits have decreased: 5304 BS Biology/Chemistry -67%; 530506 BS Biology/Earth Science -64%; 530507 BS Biology/Physics	
N 33/UA 25/YSU 17 Relevant UA degree plan codes with 7 year trend data show COE admits have decreased: 5305 BS Biology/Chemistry -67%; 530506 BS Biology/Earth Science -64%; 530507 BS Biology/Physics	
83%; 530508 BS Chemistry/Earth Science -0% avg 3 admits/yr; 530509 BS Chemistry/Physics -4 5305600 BS Earth Science/Physics -80%; 530610 BS Life Science -0% avg 5 admits/year; 530611 Earth Science -80%; 530612 BS Physics -33%; 530613 BS Chemistry -50%. RECOMMENDATION Keep but eliminate stand-alone degree plans and create one Integrated Science degree progra with optional licensure tracks, a license in demand by employers because these graduates are capable of teaching in life science, earth science, physics and chemistry.	s 44%; 1 BS N:- x <del>m</del>
Music Teacher Education (CIP 131312)KSU 60 (UA 37/YSU 60This program is housed in A&S, however, LJFFCOE issuesteacher licenses for these major Students take professional education core coursework in the COE. Relevant UA degree plan codes with 7 year trend data show COE admits have decreased: C50206BM Vocal/Keyboard 66% / C50207 Instrumental/String -33% / C%0208 Instrumental/Band -21%. RECOMMENDATION: Keep so long as we offer music degrees.	
Art Teacher Education (CIP 313302) KSU 76/UA 29/YSU 23Relevant UA degree plan codes with 7 year trend data show COE admits have decrease C10200BA-69%. This program is housed in A&S, however, LJFF COE issues teacher licenses to these majors. Students take professional education core coursework in the COE.RECOMMENDATION: Keep so long as we offer art degrees.	
Math Teacher Education (CIP 131311) KSU 78/UA 56/YSU 33Strong demand for graduates with AYA math licensure, especially in high need districts This program prepares graduates to work with high-need students through intensive an sustained clinical experiences. Methods courses are embedded in area schools, and candidates teach, tutor, and mentor youth under the direct supervision of faculty expert both content and pedagogy. Program offers flexible pathways for non-traditional studen and is aligned with university mission. Relevant UA degree plan codes with 7 year trend data show COE admits have decreased: 65% licenses issued during relevant period: RECOMMENDATION: Grow this program by hiring a fac member with a master's degree in mathematics.	nd ts in nts <del>5.#</del>
Social Studies Teacher Education (CIP 131318) <del>KSU</del> <del>92/UA 95/YSU 48</del> To both content and pedagogy. This program was the second to adopt an award-winning clinical model at Barberton High School, with strong impact in the community. Researce indicates this program's lived-in model supports healthy socio-emotional attitudes and academic success amongst high need middle/high school students while helping to prepare competent pre-service social studies teachers. Overall admits to the University from Barberton are significantly increasing (as SEI data shows the clinical model has positively impacted student self-efficacy and perception of themselves as college capable).	ts I ch
This program was the second to adopt the clinical model of teacher preparation at Barberton H	High-

	School. Only one faculty member has the credentials to teach in this content area. RECOMMENDATION: Keep because overall admits to the University from Barberton are significantly increasing (as SEI data shows the clinical model has positively impacted student self- efficacy and perception of themselves as college capable), although 7 year trend data show COE- admits have decreased 56%.
Teaching, General	Program offers high demand licensure area (Intervention Specialist). LJFF College of Education programs prepare teachers to work with high-need students through community engagement and partnerships with local schools.
	Relevant UA degree plan codes with 7 year trend data show, that despite the high demand for special educators, COE admits have decreased: 561204BS-56% / 561205BS -24%. RECOMMENDATION: Keep, however this program is the most resourced with 5 FTTT faculty members.

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Social Work 440701	This unique program has robust enrollment and graduation numbers. Graduates have a high employment rate and BLS forecasts significant growth. Social Work also offers an addiction minor and certificate. It also has multiple satellite offerings. This program is important to the mission of the CHP. The entire major can be completed at 3 UA sites – the only program on the UA campus that can do so.
Dietetics Dietitian 51310	The program has good enrollment, retention, and graduation rates. Due to the accreditation body, additional growth is limited. The program is important to the CHP mission.
Food, Nutrition Wellness Studie (General) 19050	addition, this newly revised two track program is the only Food and Environmental program in
Registered Nurs 513801	e The program is central to the CHP mission. It has a high completion rate. What makes this program different is its inter-professional collaborative work. There is high employability at the local and regional levels.
Athletic Trainer 510913	The program has robust enrollment and graduation numbers (application rate far exceeds the spaces available). This is a strong program that is less costly than the other duplicate programs
Sport and Fitnes Administration/I anagement 310504	
Physical Educat Teaching & Coaching 13131	at the regional level

	H:\Huth\duplicate program reporting COMPILED 15	of 16
Respiratory Care Therapy/Therapist 510908		•
Medical Radiology Technology/Scien ce Radiation Therapist 510907	The program has robust enrollment and graduation rates. Employment opportunities are also h for graduates at the regional and national levels. The program is important to the CHP mission.	•
Medical Clinical Assistant 510801	The program has robust enrollment and high graduation and placement rates. Labor and statist data indicate increased employment opportunities due to increased need in Medical Health Car Additionally, students receive a certificate in billing and are eligible for national certification, which in unique to our program, and therefore not duplicative.	re.

II. Chart listing the duplicate programs targeted for action and the action being considered (e.g., partnering with other institutions for course sharing, elimination).

Program Name	Action and Rationale - FOR ACTION	Collaboration Partners,ifApplicable
Music History	Program in process of termination	
Zoology/Animal Biology (CIP Code 260701)	Elimination - program is no longer active	
Geography (CIP Code 450701)	Elimination - program is no longer active	
Drafting and Design Technology Technician General 151301	Program in process of termination	

	-	100110
Legal Assistant Paralegal 220302	Suspended	
Admin Assistant and Secretarial Science, General 520401	Terminated	
Humanities 240103	Will be discontinued	
LiberalArts 240199	Will be discontinued	
Social Science General 450101	Will be discontinued	
52.0901 Hospitality Administration/M anagement, General Hospitality Management, Marketing and Sales, AAB	Suspended	
Education, Other (CIP 139999)KSU 121/UA 48	Suspended	

French Language Teacher Education (CIP 131325) UA 1 /YSU 1/. Spanish Language Teacher Education (CIP 131330) UA 16/YSU 7		
Family and Consumer Sciences (CIP 131308)UA10	Master's program is suspended	

## Computing & Communications Technologies Committee

## Particulars

Subject: Computing & Communications Technologies Committee meeting report Meeting Date: [2017-03-10 Fri]

## Report

The CCTC met on Friday, March 10, 2017.

A Laptop Replacement Subcommittee of the CCTC was formed. This subcommittee will conduct a needs analysis to determine which full-time faculty have an immediate need for a new university-owned laptop. The subcommittee will determine the types of machines that will replace old laptops, and it will estimate the cost of replacing the laptops of those full-time faculty who have an immediate need for a new one. The subcommittee will devise a recommendation to be submitted to the provost (who, according to the understanding of the CCTC, is acting as the CIO). The subcommittee will then develop a proposal for a regular laptop and desktop replacement program for all university-owned machines.

The Curriculum Proposal System Subcommittee of the CCTC is still collecting information from colleges about their curriculum processes. To date, only one college has submitted the requested information to the subcommittee.

Scott Randby CCTC Co-chair

## Resolution of Support Project to Honor Students and Colleagues

Whereas, Students at The University of Akron have joined together for a second year to plan and carry out a remembrance of their peers who have passed away;

Whereas, The Faculty Senate recognizes through Special Announcements the passing of members of the faculty and staff, retirees and others who are known to the Senate;

Whereas, The university as a community seeks a consistent opportunity to acknowledge our losses and celebrate the lives and contributions of our students and colleagues during their lifetime;

Whereas, We recognize that the impact of the university extends beyond individuals to their families, friends and acquaintances who may continue to be part of the university community; and

Whereas, The 2016 Zak Husein Charity Event successfully brought together over 500 members of the university and Greater Akron communities to plan and perform service in recognition of the tragic passing of Zakareia Husein;

*Resolved*, That the Faculty Senate of The University of Akron, endorse the efforts of the students who are this year planning the Husein-Unternaher Service Event in 2017 to remember and honor students, faculty, staff and others lost from our family, and commend the student organizers for their efforts on this second annual event.