



**YOUNGSTOWN  
STATE  
UNIVERSITY**

**BOARD OF TRUSTEES  
ACADEMIC EXCELLENCE AND STUDENT SUCCESS COMMITTEE**

**Molly S. Seals, Chair  
Joseph J. Kerola, Vice Chair  
All Trustees are Members**

**BACKGROUND MATERIALS  
Wednesday, March 1, 2023**

- 1. Office of Research Services Quarterly Report** **Tab 1**  
The Quarterly Report from the Office of Research Services is presented for the Board of Trustees' information.
- 2. Current Accreditation Activity** **Tab 2**  
The report on accreditation activity shows recent accreditations and upcoming site visits and documents submitted.
- 3. Academic Programs Update** **Tab 3**  
The report outlines new program development.
- 4. Sabbatical and Faculty Improvement Leaves for AY 2023-2024** **Tab 4**  
A list of faculty members who were granted sabbaticals and faculty improvement leaves for the 2023-2024 academic year is provided.
- 5. Research Professorship List** **Tab 5**  
A list of faculty members who were granted research professorships for 2023-2024 is provided. Each year no fewer than eighteen (18) faculty members whose unsubsidized research is deemed meritorious of support shall be designated "Research Professors" and awarded a workload reduction of a minimum of six (6) hours to a maximum of nine (9) hours to pursue research. The total number of hours distributed will be no less than 162 hours.
- 6. Ad Hoc "Design Committee" of the Academic Senate** **Tab 6**



**YOUNGSTOWN  
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One University Plaza, Youngstown, Ohio 44555

## MEMORANDUM

Date: January 23, 2023

To: Dr. Brien Smith, Provost and Vice President for Academic Affairs

From: Office of Research Services (ORS)

Re: FY23 Second Quarter Report

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Please see attached the FY23 Second Quarter Report as prepared for delivery to the Academic Excellence and Student Success Committee of the Board of Trustees.

ORS staff managed **25** major grant administration activities during this quarter (14 submissions and 11 awards/contracts). Additionally, the IRB processed 101 new protocols and 9 modifications.

### Notable highlights:

- a Choose Ohio First Scholarship proposal (\$1.1 M) was submitted to support undergraduate students in Science, Technology, Engineering, Mathematics and Medical (STEMM) fields.
- a \$3M R01 proposal was submitted to the National Institutes of Health for studying health misinformation.
- the Ohio Department of Higher Education awarded YSU a \$316,624 RAPIDS award for equipment for the Excellence Training Center.
- a \$1.15M award was received from the Appalachian Regional Commission for training pathways for careers in broadband and the 5G sector.
- a series of virtual grant writing workshops will be offered from Feb 27 – Mar 2, 2023.

Accompanying this submission is the FY23 Quarter 2 Detail Report, which provides detail regarding institutional submissions and awards.



**EXECUTIVE  
SUMMARY**

Second Quarter Report – FY23  
October 1, 2022 to December 31, 2022

**Submitted Proposals to External Agencies: Total**

Q2 Total Dollars Requested:	\$7,995,186
Q2 Indirect Cost Requested:	\$1,130,662
Q2 Total Proposals Worked:	15
Q2 Total Proposals Submitted:	14

**Funded Proposals from External Agencies: Total**

Q2 Total Dollars Awarded:	\$1,849,591
Q2 Indirect Costs Awarded:	\$181,839
Q2 Total Projects Awarded:	11

**Q2 YTD Comparison:**

	<u>FY22</u>	<u>FY23</u>
<i>Q2 Submissions</i>	19	14
<i>Q2 Dollars Requested</i>	\$4,745,363	\$7,995,186
<i>Q2 Awards</i>	24	11
<i>Q2 Dollars Awarded</i>	\$3,280,469	\$1,849,591
<i>YTD Submissions</i>	51	37
<i>YTD \$ Requested</i>	\$12,479,768	\$14,543,707
<i>YTD Awards</i>	56	42
<i>YTD \$ Awarded</i>	\$9,058,788	\$6,515,769

FY22 Q2 Total Active Awards: 127  
FY23 Q2 Total Active Awards: 123

FY22 Q2 Research Expenditures \$2,593,797  
FY23 Q2 Research Expenditures: \$3,307,111

FY22 YTD Research Expenditures: \$5,041,223  
FY23 YTD Research Expenditures: \$6,008,822



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**Proposals Submitted to External Agencies**

Second Quarter Report – FY23  
October 1, 2022 to December 31, 2022

PI Name	Department	Funding Agency	Amount Requested	Indirect Costs Requested	YSU Cost-Share
Powe, N.	Health & Rehab Sciences	National Institutes of Health	\$3,137,775	\$637,775	\$0
Wakefield, T.	Mathematics and Statistics	Ohio Department of Higher Education	\$1,120,000	\$0	\$1,120,000
Park, B.	Engineering	National Science Foundation	\$200,000	\$35,400	\$0
Genna, D.	Chemical & Biological Science	National Science Foundation	\$346,828	\$65,194	\$0
Borra, V.	Engineering	Community College of Allegheny County	\$673,680	\$105,924	\$0
Duchon, C.	Maag Library	State Library of Ohio	\$19,000	\$3,957	\$6,334
Cianciola, E.	Center for Human Services Development	City of Youngstown	\$4,000	\$0	\$0
Rogner, W.	YSU Police	Ohio Department of Public Safety	\$125,936	\$0	\$0
Ruller, J.	Division of Workforce Development and Innovation	Ohio Department of Development Disabilities	\$500,000	\$92,663	\$0
Ekstrand	Division of Workforce Development and Innovation	Ohio Department of Development	\$249,885	\$0	\$0
Ruller, J./McCartney, R.	Division of Workforce Development and Innovation	National Science Foundation via Carnegie Mellon University	\$1,438,907	\$189,749	\$0
Sexton	WYSU-FM	Corporation for Public Broadcasting	\$30,670	\$0	\$0
Sexton	WYSU-FM	Corporation for Public Broadcasting	\$86,435	\$0	\$0
Moss, M./Kuzma D.	Janitorial Services	MCSWD	\$62,070	\$0	\$0
<b>Total</b>			<b>\$7,995,186</b>	<b>\$1,130,662</b>	<b>\$1,126,334</b>



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**Projects Awarded from External Agencies**  
Second Quarter Report – FY23  
October 1, 2022 to December 31, 2022

PI Name	Department	Funding Agency	Amount Requested	Indirect Costs Requested	YSU Cost-Share
Frank, D.	Psychological Sciences	Army Research Institute	\$59,220	\$12,332	\$0
Wilson, M.	Humanities and Social Sciences	Ohio Humanities Council	\$7,487	\$1,559	\$7,500
Case, W.	Dana School of Music	National String Project Consortium	\$10,000	\$0	\$0
Crescimanno, M.	Pages	National Science Foundation via Hawaii Pacific University	\$23,000	\$4,789	\$0
Dewberry, L.	Management and Marketing	Wean Foundation	\$196,812	\$8,872	\$0
Cianciola, E.	Dean Honors College	United Way of Youngstown	\$8,534	\$1,777	\$0
Cianciola, E.	Dean Honors College	United Way of Youngstown	\$8,534	\$1,777	\$0
Cianciola, E.	Dean Honors College	Wright State University	\$9,500	\$1,978	\$0
Ruller, J.	Division of Workforce Education & Innovation	Ohio Department of Higher Education	\$316,624	\$0	\$0
McCartney, R.	Division of Workforce Education & Innovation	Appalachian Regional Commission	\$1,154,880	\$148,755	\$0
Ruller, J.	Division of Workforce Education & Innovation	National Center for Defense Manufacturing and Machining	\$55,000	\$0	\$0
<b>Total</b>			<b>\$1,849,591</b>	<b>\$181,839</b>	<b>\$7,500</b>

**CURRENT ACCREDITATION ACTIVITY**  
**March 2023**

**Summary of recent site visits:**

- A phone conference call with staff of the Council on Accreditation of Nurse Anesthesia Educational Programs (COA) regarding the results of an unannounced visit confirmed that the Doctor of Nursing Practice (DNP)—Nurse Anesthesia program has continued accreditation.

**Summary of recent accreditation actions:**

- On August 3, 2022, the Higher Learning Commission (HLC) notified YSU of successful completion of the Year 4 Assurance Review with no recommended monitoring.
- On July 30, 2018, the HLC continued the accreditation of YSU with the next Reaffirmation of Accreditation scheduled to occur in 2027-28.

**Details:**

<b>Program</b>	<b>Status</b>
<b>Art</b> National Association of Schools of Art and Design (NASAD)	The NASAD Commission granted renewal of membership for the following degree options: BA in Art History, BS in Art Education, BFA in Studio Art, and MA in Art Education. The next full review is scheduled for 2025-2026. An affirmation statement and audit were submitted on June 30, 2021, noting that the MA and MFA have both been suspended and that the BFA tracks have been realigned. The annual HEADS report, affirmation statement, and audit were submitted July 5, 2022. NASAD was notified of a change of institutional representative for 2022-2023.
<b>Athletic Training</b> Commission on Accreditation of Athletic Training Education (CAATE)	The Master of Athletic Training program was granted initial accreditation for five years by CAATE in 2018. The next review will occur in 2023. After filling its program director position, the MAT program is currently in good standing with CAATE. The program has started the self-study process with a site visit scheduled for February 27-March 1, 2023.
<b>Business</b> AACSB International—The Association to Advance Collegiate Schools of Business	AACSB International approved the extension of accreditation in January 2020. Accreditation of the undergraduate and graduate business programs was extended for the standard five years. The next accreditation review will be in 2024. The first

Program	Status
Business (continued)	Continuous Review was submitted July 1 to prepare for the 2024 review.
<b>Chemistry</b> American Chemical Society (ACS)	The American Chemical Society (ACS) notified the YSU Chemistry Department in that its BS Chemistry program has met the requirements for continued ACS accreditation through 2023. The department must apply for re-accreditation by June 2023.
<b>Counseling</b> Council for Accreditation of Counseling and Related Educational Programs (CACREP)	The Council for Accreditation of Counseling and Related Educational Programs (CACREP) granted full accreditation to the MS. Ed. in Counseling—Addiction Counseling, Clinical Mental Health Counseling, School Counseling, and Student Affairs/College Counseling program tracks for the full eight-year period, until March 31, 2023.
<b>Dental Hygiene</b> American Dental Association (ADA)	The self-study for continuing accreditation of the Dental Hygiene program was submitted in September 2017. This was the initial site visit following the transition from the Associate of Applied Science (AAS) degree to the Bachelor of Science in Dental Hygiene (BSDH) degree. A site visit occurred in November 2017, and the program was awarded full accreditation status, Approval Without Reporting Requirements, at the 2018 ADA CODA Summer Commission meeting. The accreditation cycle for allied dental programs is seven years. The next site visit will be in 2025.
<b>Dietetics Program</b> Academy of Nutrition and Dietetics (AND)  Accreditation Council for Education in Nutrition and Dietetics (ACEND)	<p>The two ACEND-accredited dietetics programs are the Didactic Program in Dietetics and the Dietetics Future Model/DFM (MPH-RDN graduate track).</p> <p>The graduate level MPH-DFM (Master's in Public Health-Dietetic Future Model) replaced the previously offered BSAS-CPD, as required by ACEND. The MPH-DFM program continues in good standing, and the decision has been made to not seek reaccreditation in 2023 due to lack of enrollment. The program director has consulted with ACEND about the process of voluntary withdrawal of accreditation. An accreditation</p>

Program	Status
<p>Dietetics (continued)</p>	<p>decision letter with instructions on the close-out will be issued in July 2023.</p> <p>As part of its re-accreditation requirements, the Didactic Program in Dietetics completed an ACEND site visit in January 2021. Five program updates were completed to meet ongoing ACEND mandated changes to website requirements and published information for prospective students and the public as well as program goals and their reporting.</p> <p>The program was placed on probation on September 16, 2022, pending assimilation of the 2022 Accreditation Standards and submission of evidence of curricular matrix updates and program evaluation measures using the new templates. This report will be reviewed at the January 2023 ACEND board meeting for a decision on program compliance.</p> <p>Probationary documentation was submitted to HLC on October 20, 2022. The HLC response on October 26, 2022, indicated no additional action is required at this time.</p>
<p><b>Education and Licensure Programs</b> The Council for the Accreditation of Educator Preparation (CAEP)</p> <p>Accreditation occurs at the unit (BCOE) level.</p>	<p>The Council for the Accreditation of Educator Preparation (CAEP) conducted a site visit of YSU's Beeghly College of Education on April 2-4, 2017. CAEP's Accreditation Council met on October 23, 2017, and granted accreditation status effective Fall 2017 through Fall 2024. The next site visit will occur in Fall 2024.</p>
<p><b>Emergency Medical Services</b> State of Ohio Department of Public Safety / Division of Emergency Medical Services</p> <p>Commission on Accreditation of Allied Health Education Programs—EMS Professions (CoAEMSP—CAAHEP)</p>	<p>The Emergency Medical Services (EMS) program has voluntarily withdrawn its accreditation through the State of Ohio Division of EMS due to lack of enrollment. The effective withdrawal date was October 17, 2022.</p> <p>The Paramedic Certificate Program has voluntarily withdrawn its CoAEMSP accreditation</p>



Program	Status
EMS (continued)	due to lack of enrollment. The effective withdrawal date was November 1, 2022.
<b>Engineering</b> Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET)	The Electrical Engineering, Civil Engineering, Chemical Engineering, and Mechanical Engineering programs are fully accredited by ABET until 2026. Industrial Engineering went from “program deficiency” to “program weakness,” a finding which means that the program has been removed from “show cause.” Like the other engineering programs, Industrial Engineering is now fully accredited until 2026.
<b>Engineering Technology</b> Engineering Technology Accreditation Commission of the Accreditation Board for Engineering and Technology (ETAC-ABET)	Final findings from ETAC of the ABET visit were received on August 29, 2018. All of the AAS and BSAS Engineering Technology programs (CCET, EET, and MET) are accredited through September 30, 2024.  Applications to renew existing accreditations for all AAS & BSAS Engineering Technology Programs were submitted. The accreditation team’s comprehensive visit is scheduled to take place in Fall 2023.

<b>Program</b>	<b>Status</b>
<p><b>Exercise Science</b>            Committee on Accreditation for the Exercise Sciences (CoAES) /            Commission on Accreditation of Allied Health Education Programs (CAAHEP)</p>	<p>The Committee on Accreditation for the Exercise Sciences (CoAES) granted initial accreditation of the undergraduate Exercise Science program on May 18, 2018. The accreditation is for five years. The yearly report was submitted in June 2022.</p>
<p><b>Forensic Science</b>            American Academy of Forensic Sciences (AAFS)</p>	<p>Application for initial accreditation is pending. Program self-study and site visit will follow.</p>
<p><b>Long-Term Care Administration</b>            National Association of Long-Term Care Administrator Boards (NAB)</p>	<p>The Long-Term Care Administration program submitted its accreditation review to the National Association of Long-Term Care Administrator Boards (NAB) in Spring 2022, and the submission was approved by NAB. The program is currently seeking accreditation of the Healthcare Administration track. The Master's in Health and Human Services accreditation application will begin in the fall.</p>
<p><b>Medical Laboratory Technology</b>            National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)</p>	<p>The Medical Laboratory Technology program self-study and response were submitted in Spring 2020. A virtual site visit was conducted in July 2020. The program as awarded ten years of accreditation through 2030. The annual report was submitted in October 2022.</p>
<p><b>Medical Laboratory Science</b>            National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)</p>	<p>An initial accreditation application was submitted to NAACLS in 2014 with the full self-study submitted in 2016. The site visit occurred in 2017. The site visit team found no standards violations and awarded YSU a full seven-year accreditation.</p> <p>For the Medical Laboratory Science completion program, an extension was granted for submission of the self-study with a due date of April 1, 2022. The site visit was completed in October 2022, and no issues were cited. YSU is currently awaiting official reaccreditation notice from NAACLS. The annual report was submitted.</p>

Program	Status
<p><b>Music</b> National Association of Schools of Music (NASM)</p>	<p>In 2012, the NASM Commission on Accreditation voted to continue YSU and the Dana School of Music in good standing. In July 2016, the NASM Commission on Accreditation accepted YSU's Application for Plan Approval of Dana's Bachelor of Music in Music Recording.</p> <p>The NASM Commission on Accreditation has approved YSU's request to postpone the accreditation full review and site visit until 2023-2024.</p>
<p><b>Nursing</b> Accreditation Commission for Education in Nursing (ACEN)</p> <p>Commission on Collegiate Nursing Education (CCNE)</p> <p>Council on Accreditation of Nurse Anesthesia Educational Programs (COA) St. Elizabeth Health Center School for Nurse Anesthetists, Inc. (YSU MSN nurse anesthesia option only)</p>	<p>A candidacy application will be submitted to ACEN for the new Associate Degree in Nursing (ADN) program in Fall 2022.</p> <p>ACEN recently granted continuing accreditation for the BSN programs for the maximum eight years. The next evaluation visit will occur in Spring 2030.</p> <p>CCNE recently granted continuing accreditation for the BSN, MSN, and post-graduate APRN certificate programs for the maximum ten years. The next evaluation visit will occur in Spring 2032.</p> <p>The last MSN class will graduate in December 2022. The Doctor of Nursing Practice program matriculated on May 17, 2021. Both programs are accredited. The next evaluation will occur in Spring 2027.</p>
<p><b>Physical Therapy</b> Commission on Accreditation in Physical Therapy Education (CAPTE)</p>	<p>The MPT has been discontinued. Accreditation now applies to the DPT program approved by HLC in 2008. Ten-year accreditation was reaffirmed in 2014 with a compliance report due in 2015. This report was submitted, and CAPTE granted the program continuing accreditation.</p> <p>The current status of the program is accredited. A progress report was submitted September 1, 2022. After review, the program was granted continued accreditation. Annual reports are required, and a site visit will occur in Spring 2025.</p>

Program	Status
<p><b>Public Health (Consortium of Eastern Ohio Master of Public Health)</b> Council on Education for Public Health (CEPH)</p> <p>Public Health (continued)</p>	<p>The MPH is offered by a consortium of institutions including YSU. Initial accreditation was earned in 2003. In October 2009, the Council on Education for Public Health (CEPH) renewed accreditation for seven years until 2016. A 2016 site visit resulted in all compliant findings. In June 2017, the program received official notification of full accreditation with the seven-year accreditation term ending July 1, 2024. In order to align with site visit workload, CEPH offered on December 6, 2021, to extend the CEOMPH accreditation term until July 1, 2025, which was accepted.</p>
<p><b>Respiratory Care</b> Commission on Accreditation for Respiratory Care (CoARC)</p>	<p>The site visits for the Respiratory Care programs were completed virtually due to the pandemic. The virtual site visit for the BSRC entry into practice program was completed February 8-9, 2021, without programmatic issues. Continuing re-accreditation status for the next ten years was conveyed for the BSRC entry into practice on July 21, 2021, at the CoARC quarterly meeting.</p> <p>Both the BSRC degree advancement (completion program) and the Master of Respiratory Care programs were conferred accreditation status in July 2021 at CoARC's quarterly board meeting.</p> <p>Virtual site visits for these two programs were completed May 10-11, 2021, without programmatic issues. Provisional initial accreditation was conferred at the CoARC quarterly board meeting. In the interest of substantial financial savings, the site visits were scheduled as one CoARC visit. The site visits were performed virtually while retaining the multiple program savings.</p> <p>All three programs performed a Report of Current Status (RCS) evaluation in July 2022 that was accepted by CoARC to have met or exceeded all accreditation standards for the year. The program continues to meet CoARC's high academic standards.</p>

<b>Program</b>	<b>Status</b>
Respiratory Care (continued)	YSU has increased capacity of the BSRC entry into practice program, placing initial cohort enrollment at 25 allowable students per cohort to enter, which is maximum for classroom capacity, clinical rotation sites, and accreditation standards.
<b>Social Work</b> Council on Social Work Education (CSWE)	<p>At its February 2021 meeting, the Commission on Accreditation (COA) voted to reaffirm accreditation for eight years, ending in October 2027 due to a one-meeting deferment received this cycle.</p> <p>The BSW program requested permission from CSWE to offer the program fully online. The request for online delivery status was submitted December 2022.</p> <p>In 2012, the Council on Social Work Education granted reaffirmation of accreditation of the Master of Social Work program.</p> <p>The BSW and MSW programs are scheduled for re-accreditation assessment in 2027.</p>
<b>Theatre</b> National Association of Schools of Theatre (NAST)	<p>Due to cuts in the number of tenure-track faculty and ongoing staffing issues, the Dana School of Music and University Theatre officially resigned its NAST accreditation effective May 3, 2018, and will not seek reaccreditation until these issues have been resolved. Additional faculty reduction preceding the 2021-2022 academic year has further delayed the program's ability to reapply for specialized accreditation.</p>
<b>World Languages and Cultures</b> American Council on the Teaching of Foreign Languages (ACTFL) Recognition for Italian Education and Spanish Education	<p>The appropriate accrediting bodies are being notified that the Italian Education and Spanish Education programs are being deactivated.</p>

### **Update on Assessment of Student Learning**

YSU has made and continues to make progress in fostering meaningful and relevant assessment of student learning.

## **Assessment of Student Learning Activities**

- **Academic Assessment:** Academic programs engage in assessment reporting on a five-year cycle through an Assessment Plan, Assessment Update, or a Cycle Reflection. Programs identified for sunset through APEEI with enrolled students will complete a shortened Teach Out Update. Annual reports were due October 31, 2022, through Taskstream AMS. Submission rates were as follows: 27 programs completed an Assessment Plan, one program completed a Cycle Reflection, 49 programs completed an Assessment Update, and six programs completed a Teach-Out Update (58% current submission rate). As of February 2023, 25 programs (17%) have requested extensions to submit their reports in Spring 2023, and 41 programs (28%) have not submitted. Assessment Council members acted as volunteer peer reviewers of annual program submissions in December 2022-January 2023. Programs will be sent feedback in March 2023.
- **Co-Curricular Assessment:** Co-curricular programs continue to engage at high levels with student learning assessment. Reports will be due next in June 2023, with training and information provided later in the spring. Beginning in Fall 2022, Institute for Teaching and Learning staff began hosting a monthly Co-Curricular Assessment Community of Practice where entry- to mid-level professional staff come meet to learn more about collecting and using student data.

## **Current Student Data Collection**

- **Noel Levitz Student Satisfaction Inventory & Adult Student Priorities Survey:** Student data from the Spring 2022 administration of the Noel Levitz Student Satisfaction Survey was shared widely across campus through the Fall Noel Levitz Snapshot Series. Each Monday, the Institute for Teaching and Learning released (via newsletter and website) a focused data one-pager including key data points. The Noel Levitz Data Conversations Lunch and Learn series will take place March 22, March 29, April 5, and April 12. This series will encourage campus conversation around data points.
- **National Survey of Student Engagement:** YSU will be participating in the National Survey of Student Engagement (NSSE) in Spring 2023. Survey administration dates are March 15, 2023, through May 14, 2023. All first-year and senior students will be invited to participate. In addition to posing the standard survey questions, YSU will be asking students to complete two topical modules: Civic Engagement and First Year Experience/Senior Transitions.

## **General Education Assessment**

General Education assessment is being re-evaluated as YSU transitions to university-wide learning outcomes and continues the general education program transformation process.

**ACADEMIC PROGRAMS UPDATE  
MARCH 2023**

**1. Undergraduate Program Development:**

**Undergraduate Program Actions Requiring Board of Trustees Action and/or Notification or Approval by the Ohio Department of Higher Education**

Since the last set of YSU Board of Trustees meetings, the Ohio Department of Higher Education (ODHE) has approved the following undergraduate program changes:

- No changes to report.

**2. Graduate Program Development:**

**Graduate Program Actions Requiring Board of Trustees Action and/or Notification or Approval by the Chancellor's Council on Graduate Studies (CCGS)**

- A request to suspend admission to the **Master of Accountancy** program was approved by CCGS.
- A request to suspend admission to the **Master of Science in Applied Behavior Analysis** program was approved by CCGS.
- A request to change the **MA in Economics** program to **MS in Applied Economics** was sent to CCGS for approval.
- A proposal to offer an **MS in Statistics and Data Science** is in process.
- A proposal to offer the **MM in Music Education** online is in process.
- Admission to the **History Certificate in College Credit Plus Teaching** was suspended (CCGS approval is not required for certificates).

**Sabbatical and Faculty Improvement Leaves  
Approved for AY 2023-2024**

**One semester (FIL):**

**No Applicants**

**Two semesters (Sabbatical):**

**Michael Crescimanno – Physics, Astronomy, Geology, and Environmental Science**

**Nguyet Nguyen – Mathematics and Statistics**



**Research Professorship List  
Faculty Awarded for 2023-2024**

1. Dr. Osama Aljarrah, Rayen School of Engineering  
"An Integrated Digital Decision Support System for Improving Small Additive Manufacturers Practices" – Awarded 9 Hours
2. Dr. Ganesaratnam Balendiran, Chemical and Biological Sciences  
"Role of Fibrates and Like Molecules in Diabetes and Metabolic Diseases" – Awarded 9 Hours
3. Mr. Christopher Barzak, English and World Languages  
"Old World Resurrections" – Awarded 9 Hours
4. Dr. Vamsi Borra, Rayen School of Engineering  
"3D Printing of THz Antenna for 6G Communication" – Awarded 9 Hours
5. Dr. Kristen Bruns, Psychological Sciences and Counseling  
"Use of Competencies to Improve Counselor Training for Working with Suicidal Clients" – Awarded 6 Hours
6. Dr. Kyosung Choo, Rayen School of Engineering  
"Thermal Stress Analysis of Hybrid Manufacturing for Rapid Tooling and Repair" – Awarded 6 Hours
7. Dr. Thomas Diggins, Chemical and Biological Sciences  
"Quantification of Impacts and Potential Regeneration of Eastern Forests After Emerald Ash Borer Invasion" – Awarded 9 Hours
8. Dr. Douglas Genna, Chemical and Biological Sciences  
"Peptidomimetic Metal-Organic Frameworks Synthesized via Orthogonal Disulfide Bond Coupling Reactions" – Awarded 9 Hours
9. Dr. David Griswold, Graduate Studies in Health and Rehabilitation Studies  
"Pragmatically Applied Spinal Manipulation Therapy and Dry Needling versus Spinal Manipulation Therapy Alone for Low Back Pain. A Multi-Center Randomized Clinical Trial" – Awarded 9 Hours
10. Dr. Carrie Jackson, Psychological Sciences and Counseling  
"The Role of the School Psychologist in Transition Planning" – Awarded 6 Hours
11. Dr. Seokgi Lee, Rayen School of Engineering  
"Synchronized Control for Warehouse Operations and Last Mile Delivery Service by Real-Time Information and Resource Sharing" – Awarded 9 Hours

12. Dr. Caroline Oltmann, Dana School of Music and University Theatre  
"New Female Composers of Music for and with Piano – A Gateway Collection and Compilation of the Creative Outputs and Initiatives of Women Composers of Gen-X and Beyond" – Awarded 9 Hours
13. Dr. Byung-Wook Park, Rayen School of Engineering  
"Biomanufacturer Engineered Biohybrid Therapeutics – Toward a Smart Wound Dressing" – Awarded 9 Hours
14. Dr. Suresh Sharma, Rayen School of Engineering  
"Community Engagement in Coastal Ohio for the Resiliency of Storm Drainage Infrastructure Against Climate Change" – Awarded 9 Hours
15. Dr. Richard VanVoorhis, Psychological Sciences and Counseling  
"The Champion's School Based Model of Support for Girls with Autism: An International School Psychology Program Collaboration" – Awarded 9 Hours
16. Dr. Feng Yu, School of Computer Science, Information and Engineering Technology  
"Automated Pipeline System for Approximate Query Processing on Big Data" – Awarded 9 Hours
17. Dr. Cicilia Yudha, Dana School of Music and University Theatre  
"Publishing Monograph "Musicians" Migratory Patterns: The Life and Music of Slamet Abdul Sjukur (1935-2015)" – Awarded 9 Hours
18. Dr. Rongyao (Gloria) Zhang, Lariccia School of Accounting and Finance  
"Managerial Attributes, CSR and Firm Value" – Awarded 9 Hours
19. Dr. Yiyang (Ian) Zhang, Lariccia School of Accounting and Finance  
"COSO Framework Adoption and Cybersecurity Breaches" – Awarded 9 Hours

Ad Hoc “Design Committee” of the Academic Senate  
Approved April 2022

The (currently ad hoc) Design Committee harnesses the abilities and expertise of faculty members to best utilize and improve our university’s campus, and broader impact on the built and natural environment. The committee approaches the university’s physical resources with intent to make the most of and improve upon facilities. Aesthetics, environmental concerns, and efficiencies are all under consideration. Making the most of extent facilities, seeing the campus as a tool for learning, and improving upon the university community’s environment are all within the committee’s purview. The committee works with the Facilities Office and the Grounds Department to ensure best possible practices to make our campus an effective, useful, cutting edge and distinctive place that fosters a unique and forward-thinking university identity.

Four initial meetings of the design committee produced recommendations presented to the Senate and unanimously approved at last April’s meeting. These are forwarded to the Board of Trustees and University President with hopes of consideration. Any feedback may be presented to the Senate for further action.

These initial recommendations have focused on two distinct areas, improving campus connectivity with and gateways from surrounding areas (particularly Downtown and the North Side) and moving grounds design and maintenance towards greater resource efficiency and environmental benefit.

The committee recommends the following with regards to campus linkage with its surroundings:

- 1) Pursue with local and state government partners funds earmarked in the Infrastructure Investment and Jobs Act to heal the damage done by highways to obtain air rights and construct improvements along the campus boundary with and crossing of U.S. Route 422. Unfortunately it is not known at this time whether the funds are still available due to the delay in scheduling this presentation; however, this would in particular allow for the widening of the Fifth Avenue Bridge so that it might be maintained in the winter to enable pedestrian traffic and the construction of a land bridge across the highway along Elm Street in order to join Cafaro House to the rest of campus with greenspace. This might also include generally improving appearances at the on-ramps that are the primary approaches to campus.
- 2) Design and implement an improved pedestrian connection on Elm Street to connect campus to downtown in collaboration with the city government.
- 3) Explore no-build ways of creating visual and traffic linkages between campus and downtown.

Two specific paths are recommended:

- 1) Collaborate with the city and commercial and religious entities (particularly the churches on Wood Street) to develop a cohesive and aesthetically sensitive lighting scheme in the evenings that would increase visual linkage between downtown and campus, highlight structures of historical and aesthetic interest, and enhance the feeling of safety of the environs.
- 2) The other proposal would be to develop a tour embedded in a cellphone-based application that would guide visitors around downtown, campus, and surroundings, enabling them to feel informed about and comfortable in the area. This might in part be informational and in part entertaining, featuring audio/musical (and if resources allow visual) experiences, potentially generated by YSU students. Discussion is already underway in Cliffe College about the feasibility of generating this in-house.

The committee recommends the following with regards to campus grounds:

- 1) Set the goal of being designated a Certified Wildlife Habitat by the National Wildlife Federation. This involves providing birds, insects, and other wild species with food, water, cover, and places to raise young, as well as developing sustainable practices.
- 2) Become more sustainable by reducing the amount of mechanical mowing required on campus. Explore with the city the possibility of ordinance exemption to experiment with swaths of wild meadow. If or where this might not be feasible, expand beds planted with native flowers and shrubs. Assess where additional native trees might be planted, and which species will be most resilient to climate change and invasive diseases. Where lawn must be maintained, incorporate clovers and grasses which seldom require mowing.
- 3) Continue eliminating invasive non-native species. This task has already been commenced with plans to eliminate the euonymus in front of the stadium, but should spread to other areas of concern.