

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
A. SCIENTIFIC JUDGMENT (S03, S04)				
1	P0972714	Coherent NA, Inc \$ 63,500.00 Grants, Contracts, Restricted Gift Accounts; Anatomy Admin	<p>Basis: Scientific Judgment Based on Equipment Functionality Laser system with the wavelength of 920 nm (infrared) for Ophthalmology from Coherent</p> <p>This laser is for the two-photon microscopy being built in the Ophthalmology Laboratory. This laser is a Multiphoton excitation microscopy applications are served by key wavelengths at 920 nm and 1064 nm, with dispersion precompensation included to optimize short pulses at the sample plane. The lab will benefit from a common, plug-and-play interface with the same form factor for each wavelength. This systems is completely air-cooled with no maintenance requirements. This enables a low cost of ownership and long lifetimes for the system.</p> <p>While there are companies that sell laser systems, they do not include the two-photon microscopy; this company made the laser system with a fixed wavelength to reduce the price. This system is much more affordable among the system from other companies.</p> <p>Coherent is the sole vendor for this type of laser system. with a two-photon microscopy.</p>	Linda Hazlett, Vice Dean for Research & Grad; approved by Kenneth Doherty

PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021

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2	P0972591 Life Technologies Corporation \$ 61,001.00 General Fund Account, Faculty Start Up - Ahmed Ibrahim	<p>Basis: Scientific Judgment Based on Equipment Functionality Thermo Scientific™ Cellinsight™ CX5 for the Department of Anatomy from Thermo Scientific.</p> <p>Thermo Scientific™ Cellinsight™ CX5 is the only High-Content Screening (HCS) platform in the market that provides the “On the fly” quantitative analysis for more than 36 validated bio-applications, delivering Plate Level, Well Level, Field Level and Cell Level details for the fastest time to data. Only Cellomics HCA technology allows cell-level quantifications to be conducted at the same time imaging occurs. CX5 combines fluorescence imaging, image processing, automated cellular measurements, using cutting-edge algorithms, and informatics tools to extract quantitative data from cell populations. Cellinsight™CX5 Studio software allows up to 6 channels of multiplexing any combination of wide-field and/or bright field image acquisition. Beside the above features Cellinsight™CX5 has the following unique functions:</p> <ul style="list-style-type: none"> · Ability to image and analyze single cells of a specific phenotype as defined by the end user and in real-time to facilitate analyzing in 96-well format. Cellinsight™CX5 Studio software includes patented algorithms specific for Tube Formation and Angiogenesis as well as validated protocols that can be user-modified to match the researchers' cell types and fluorescent labels, with up to 6 channels of multiplexing. · Positive feedback (intelligent acquisition) to the instrument with integrated cell level phenotyping that drives how many images to take based on user definition. · Ability to conduct true real-time analysis of imaging and analysis in parallel for 36 bio-application offered, representing the fastest time-to-data possible. · Cellinsight™CX5 software including all legacy Cellomics™image-analysis bio-applications · Linear, thermo-electronically cooled to 0° CCD camera with pixel resolution (4.54µm/pixel) for high resolution detail in image capture and large field of view 2,208 by 2,208 pixel array. · Included SQL™Lite database on instrument PC for out of the box operation without IT integration. <p>Thermo Scientific is the sole producer of this product and components and it is only available through Life Technologies, which is part of Thermo Scientific.</p>	Linda D. Hazlett , Vice Dean - School of Medicine, approved by Kenneth Doherty

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

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3	P0972423 Thermo Electron North America LLC \$ 374,998.39 General Fund Account, Faculty Set Up	<p>Basis: Scientific Judgment Based on Equipment Functionality Orbitrap Exploris 120 Mass Spectrometer plus Tech Direct with Vanquish UPLC for the Department of Chemistry from ThermoFisher.</p> <p>Because of the highly specialized performance criteria that needed to be satisfied, a committee was created. After a comprehensive evaluation of three high resolution mass spectrometers, Xevo G2-XS Waters, TIMsTof Pro Bruker, and Orbitrap Exploris 120, the Department of chemistry research committee selected the Orbitrap Exploris 120 by ThermoFisher. The selection committee consisted of the Hien Nguyen, PI of NIH supplement grant, and LIC staff members, Judy Westrick, Director, Nicholas Peraino, MS senior scientist and Johnna Birbeck, MS senior scientist.</p> <p>The process included six compounds to be analyzed by the three instrument manufactures. The instrument that was most successful at analyzing the required compounds was Orbitrap Exploris 120 by ThermoFisher.</p> <p>Since the selection of high end instruments requires sample analyses to determine the instrument's true capability; the Lumigen Instrument Center will continue to work with Kimberly Toby-Tomaszewski in Procurement to meet the requirements for this process with sample analyses.</p>	Matthew Allen, Chair of Chemistry; approved by Kenneth Doherty
4	P0972236 Terumo BCT Inc \$ 100,413.82 Grants, Contracts, Restricted Gift Accounts, Hematology./Oncology	<p>Basis: Scientific Judgment Based on Equipment Functionality Spectra Optia system for Karmanos Cancer Institute from Termuno BCT.</p> <p>This system is a large volume leukapheresis blood separation system used by the Karmanos Apheresis Department and the Karmanos Stem Cell Laboratory. The Laboratory will use the equipment to automate cell separation of cellular therapy products, especially ABO mismatched bone marrow collections, into cell components such as a concentrated mononuclear cell product.</p> <p>Terumo BCT is the manufacturer the Spectra Optia equipment, a large volume leukapheresis blood separation system (apheresis). There are two manufacturers of these specialized blood separator systems, Terumo BCT and Fenwal Amicus. Karmanos Cancer Center currently owns 6 Terumo BCT Spectra Optias at its Apheresis Department, which also services the Detroit Medical Center.</p> <p>The Stem Cell Laboratory would like to order the same equipment, so as to maintain consistency and cross over efficiency within the departments for reasonable pricing, training, maintenance, procedures, and equipment back-up in case of failure. The laboratory requires updated equipment due to the age of the current cell separator Fenwal COBE equipment and it's planned 2021 sunset.</p>	Valerie Wade, Dept of Oncology; approved by Kenneth Doherty

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

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5	P0971474	Iwaki America Inc \$ 31,560.71 Grant Fund Account, IEHS	<p>Basis: Scientific Judgment Based on Equipment Functionality Stand-alone flow-through racks for zebra fish for the Department of Pharmacology and the Institute of Environmental Health Sciences (IEHS) from Iwaki America.</p> <p>This is the first of up to three zebra fish standalone flow-through racks to be purchased. Christopher Kassotis rigorously vetted every vendor who provides these systems and received informal quotes from each. Aquaneering and Aquarius were deemed to not provide a sufficient product for the research purposes, as polysulfone tanks were required (standard is polycarbonate plastic). Only Tecniplast and Iwaki were able to provide these products. However, Iwaki has vastly superior support and was able to provide a quote for several thousand dollars less than Tecniplast. Tecniplast quoted \$32K, but without any dosing solutions, breeding tanks, and other supplies, which would cost and additional \$2-3K (\$35K total). Iwaki came in at \$31.5K with everything included. Other colleagues consulted indicated the Iwaki support was far superior to Tecniplast support.</p> <p>The lower cost systems were rejected because they could not produce plastic tanks using polysulfone plastic, but instead are made with polycarbonate. Polycarbonate is made from bisphenol. This is chemically weakly bound together. Working in endocrine toxicology, this is a chemical that the lab studies, so the entire system cannot be contaminated with this chemical.</p>	Melissa Runge Morris- Director of IEHS; approved by Kenneth Doherty

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

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6	P0971334 Leica Microsystems Inc \$ 84,001.84 General Fund Account, Faculty Set Up	<p>Basis: Scientific Judgment Based on Equipment Functionality Fluorescent microscope system for high resolution imaging of zebrafish for the Institute of Environmental Health Sciences from Leica.</p> <p>Based on several remote demonstrations over video chat, the PI narrowed the system to Leica, Zeiss, Olympus, and Nikon. Ultimately, Olympus and Nikon could not provide a competitive product for the specific application, and in-person demos were pursued with Leica and Zeiss to test imaging systems on specific samples. Zeiss was not able to get sufficient images for the samples.</p> <p>Based on several remote demonstrations over video chat, the PI narrowed the system to Leica, Zeiss, Olympus, and Nikon. Ultimately, Olympus and Nikon could not provide a competitive product for the specific application, and in-person demos were pursued with Leica and Zeiss to test imaging systems on specific samples. Zeiss was not able to get sufficient images for the samples.</p> <p>What Leica offers that no one else is able to provide is the mathematical deconvolution solution that has just been released. While the structured illumination solutions such as the Apotome from Zeiss have worked relatively well for years, they are old technology and have some limitations such as sample depth. THUNDER is an opto-digital technology that uses the new Instant Computational Clearing (ICC) method to generate high resolution and high contrast images. It automatically takes all relevant optical parameters into account and achieves haze-free results in real time. The Leica THUNDER Imager Model Organism allows 3D exploration of whole organisms used for developmental or molecular biology research. Take advantage of the leap forward in image quality with THUNDER imager systems compared to conventional stereo microscopes. THUNDER Imager removes the non-relevant background (out-of-focus blur) that comes with three-dimensional samples through Computational Clearing, an exclusive new breakthrough technology, while preserving interesting details. With a Leica THUNDER Imager Model Organism automated, you can greatly ease your workflows from imaging to data analysis. Profit from the intelligent automation, the fast and calibration free background removal by Computational Clearing and the navigation from overview image to the detail mosaic acquisitions by Leica LAS X Navigator. Importantly, this is a technology that no other microscope manufacturer offers.</p>	Melissa Runge Morris- Director of IEHS; approved by Kenneth Doherty

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

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7	P0972733 SEHI Computer Products \$ 58,395.50 Grant Fund Account, Nursing Dept	<p>Basis: Scientific Judgment Based on Equipment Functionality zSpace Virtual Reality / Augmented Reality (VR/AR) - Learning Experience for the College of Nursing (CON) from Sehi Computers. zSpace is the single source developer and manufacturer of virtual reality learning experiences for STEM (Science, Technology, Engineering and Mathematics).</p> <p>This is an additional purchase for continued use of the system, which provides an interactive experience for K-12 students by integrating AR/VR technology in an all-in-one computer and laptop. This will allow K-12 students who participate in the CON C2 Pipeline Program to continue to develop and integrate STEM learning into their learning experiences.</p> <p>This equipment is being purchased through a grant awarded to CON by 21st CCL-C2 Pipeline Program that works with high school youth in 24 high schools, utilizing STEM with a focus on STEM and Health careers. The purchase supports the type of programming that CON offers. It will allow CON to supplement experiences and opportunities for students. It will continue to allow for better programming to students whether as virtual tool or face to face learning.</p> <p>The additional equipment is compatible with equipment purchased in July 2020 on PO P0957563 at \$95k. It will increase the number of students who have the opportunity to participate in the critical area of STEM education.</p> <p>The purchase will include the following items: 10- zSpace AIO Pro Stations 10- Annual Licenses Visible Body Human Anatomy Atlas Newton's Park, Franklin Labs; zSpace Experiences; VIVID Chemistry; VIVID Science; 10- Annual license for Virtual ECG Training 10-zSpace Premium Software zView; 10- zSpace - zView Camera Kit Hardware 10- Additional 2-year warranties 10- Plug and Play Experience where zSpace will customize Total: \$58,395.00</p>	Ramona Benkert, Interim Dean- College of Nursing, approved by Kenneth Doherty

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

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8	P0975203 LightScalpel Inc \$ 32,919.00 Grants, Contracts, Restricted Gift Accounts; Dermatology Admin	<p>Basis: Informal Sourcing Conducted by the Requesting Department Specialty Laser Machine, to be used for training Dermatology students, from LightScalpel Inc.</p> <p>The machine has been on loan to the Department of Dermatology, to provide an opportunity to be certain it met their needs. Following that period, a \$20,000 discount was negotiated with the manufacturer on the purchase. After demo'ing the equipment, Dermatology conducted an informal request for pricing / quotes of comparable systems, 2 from Lumenis and one from Candela Corporate USA</p> <p>With the \$20K discounted rate, the other options for lasers were much more costly and not competitive. Based on the above, Dermatology selected the laser from LightScapel as best to meet their needs.</p>	D Mehregan, Dermatology Chair; approved by Kenneth Doherty
9	P0972983 Community Health & Social Services Center, Inc. \$ 134,000.00 Grants, Contracts and Restricted Gift Accounts; Family Medicine	<p>Basis: Requirement of and Stipulated in the State of Michigan Grant Preceptor services for medical resident education related to Urban Track and Preventive Medicine for the Department of Family Medicine to be provided by Community Health & Social Services Center.</p> <p>Preceptor Services for resident education related to Urban Track and Preventive medicine is a very Specialized and currently unavailable anywhere else within the localized area. The numbers used to create this request were calculated using 2 half days of Clinic per resident in the 1st year, 3.5 half days of Clinic per resident in the 2nd year and 4.5 half days of Clinic per resident in the 3rd year. One preceptor for four residents is maximum is proposed.</p> <p>Due to the unique nature and scope of services to be provided, this service cannot be bid. The Preceptor Services for resident education related to Urban Track and Preventive medicine is a very specialized and currently unavailable anywhere else.</p> <p>This is a State of Michigan funded Medical resident education program and is part of a State awarded contract. During the proposal development stage and prior to award, the department identified and agreed on pricing should the contract be awarded. The contract was reviewed and approved by the State of Michigan.</p> <p>Prior PO: P0956868 - 6/22/2020 - \$50,000</p>	Andrew Disbrow, Manager Family Medicine; approved by Kenneth Doherty

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

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	9 / \$ 940,790.26		
B. EXECUTIVE OFFICER WAIVER FOR PROFESSIONAL SERVICES (S23)			
10	P0970632 Celeste Rabaut \$ 73,820.00 Grants, Contracts, Restricted Gift Accounts, Behavioral Health	<p>Basis: Recommended Source for Professional Services Professional Consulting Services for the School of Social Work - Center for Behavioral Health and Justice (CBHJ), to be provided by Celeste Rabaut. These services are spread across 2 individual projects occurring somewhat simultaneously. Ms. Rabaut will work with the CBHJ on the Stepping Up (SU) Project, and the Wayne County Juvenile Justice Risk Assessment Process and Outcome Evaluation Project, as a strategic planner and external facilitator.</p> <p>Services to be provided include:</p> <ul style="list-style-type: none"> · Working closely with county-level behavioral health and criminal/legal stakeholders. · Guiding the development of an advisory board with its short- and long-term goals. · Meeting and assisting personnel with the evaluation of the restructured juvenile justice system in Wayne County · Consulting and Strategic Planning for the Stepping up Program. <p>Breakdown of Costs and Timeline are as follows:</p> <ul style="list-style-type: none"> · Wayne County JJ Evaluation - \$73,920 for the period July 1, 2020 - September 30, 2023. · Stepping Up which will cover only October 1, 2020 - September 30, 2021 for a total \$22,400 <p>Experience: Celeste Rabaut has worked with non-profit and community agencies for the past 18 years; providing consulting services since 1993 and expanded to provide strategic planning services in 2000. She has provided services to the Center for Behavioral Health and Justice within the School of Social Work since 2015. Her clients also include university departments, healthcare centers, health departments, schools community-based coalitions, and human service organizations.</p> <p>Stepping Up: Celeste Rabaut has successfully served as the strategic planner for Stepping Up since the grant was received in 2019 and has continued to serve in this capacity in 2020. Her work on the Stepping Up project led to her involvement in externally facilitating a series strategic planning meetings for the Wayne County Clinic for Child Study. This project has now evolved into a process and outcome evaluation of the juvenile justice system in Wayne County. Based on the progress and results of this effort, the County, through Chief Judge Kenny of the Third Circuit Court, has explicitly required Ms. Rabaut to continue to serve as the external facilitator on the project going forward.</p>	Sheryl Kubiak, Dean of Social Work; approved by Michael Wright

PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021

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11	P0970464	Ritu Ritu \$ 27,054.00 Grant Fund Accounts; Physics	<p>Basis: Recommended Source for Professional Services Consulting services on high performance computing for the Physics Department from Dr Rita Arora. This service is for the development of new software and refactoring of existing software within a short time period. This is needed to provide the software infrastructure necessary for integrating and utilizing supercomputing, cloud computing and volunteer computing resources for Physics' Jetscape / XScape Project.</p> <p>Dr. Arora is an expert in high performance computing. She acquired this expertise through her experience at the University of Texas at San Antonio and Austin. She was also a research scientist and gained Jetscape experience at the Texas Advanced Computing Center (TACC), which is the largest National Science Foundation computing facility, and is utilized by Jetscape for large scale simulations. This prior experience make Dr. Arora the ideal consultant for the University's Jetscape Project.</p>	Paula Hoffmann, Chair of Physics; approved by Michael Wright

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

12	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	P0970656	Celeste Rabaut \$ 22,400.00 Grant Fund Accounts; Behavioral Health & Justice Center	<p>Basis: Recommended Source for Professional Services Professional Consulting Services for the School of Social Work - Center for Behavioral Health and Justice (CBHJ), to be provided by Celeste Rabaut. These services are spread across 2 individual projects occurring somewhat simultaneously. Ms. Rabaut will work with the CBHJ on the Stepping Up (SU) Project, and the Wayne County Juvenile Justice Risk Assessment Process and Outcome Evaluation Project, as a strategic planner and external facilitator.</p> <p>Services to be provided include:</p> <ul style="list-style-type: none"> · Working closely with county-level behavioral health and criminal/legal stakeholders. · Guiding the development of an advisory board with its short- and long-term goals. · Meeting and assisting personnel with the evaluation of the restructured juvenile justice system in Wayne County · Consulting and Strategic Planning for the Stepping up Program. <p>Breakdown of Costs and Timeline are as follows:</p> <ul style="list-style-type: none"> · Wayne County JJ Evaluation - \$73,920 for the period July 1, 2020 - September 30, 2023. · Stepping Up which will cover only October 1, 2020 - September 30, 2021 for a total \$22,400 <p>Experience: Celeste Rabault has worked with non-profit and community agencies for the past 18 years; providing consulting services since 1993 and expanded to provide strategic planning services in 2000. She has provided services to the Center for Behavioral Health and Justice within the School of Social Work since 2015. Her clients also include university departments, healthcare centers, health departments, schools community-based coalitions, and human service organizations.</p> <p>Stepping Up: Celeste Rabaut has successfully served as the strategic planner for Stepping Up since the grant was received in 2019 and has continued to serve in this capacity in 2020. Her work on the Stepping Up project led to her involvement in externally facilitating a series strategic planning meetings for the Wayne County Clinic for Child Study. This project has now evolved into a process and outcome evaluation of the juvenile justice system in Wayne County. Based on the progress and results of this effort, the County, through Chief Judge Kenny of the Third Circuit Court, has explicitly required Ms. Rabaut to continue to serve as the external facilitator on the project going forward. computing facility, and is utilized by Jetscape for large scale simulations. This prior experience make Dr. Arora the ideal consultant for the University's Jetscape Project.</p>	Sheryl Kubiak, Dean of Social Work; approved by Michael Wright

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

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13	P0974478 Joseph P Ryan \$ 25,000.00 Grants, Contracts and Restricted Gift Accounts; Infectious Diseases	<p>Basis: Recommended Source based on Subject Matter Expertise Order for Consulting Services by Dr. Joseph Ryan, for the School of Social Work. Services to include providing oversight, expertise, editorial authority, analysis of juvenile justice data, data visualizations and development of the Public Welfare Foundation Report. Dr Ryan is uniquely qualified to provide these services for the following reasons:</p> <ul style="list-style-type: none"> * Dr Ryan is a professor and faculty member of the University of Michigan School of Social Work * Is an Associate at the Social Research Institute for the Social Research Center for Population Studies. * Is the Co-Director of the Child and Adolescent Data Lab. * Dr. Ryan has published a number of papers and book chapters on Juvenile Justice and Delinquency and has presented at national conferences. 	Sheryl Kubiak, Dean of Social Work; approved by Michael Wright
14	P0956085 A&G Ideas S.L. \$ 54,000.00 Grants, Contracts and Restricted Gift Accounts; Physics+Astronomy Admin	<p>Basis: Recommended Source based on Subject Matter Expertise Consulting services for Physics from Dr. Victor Gonzalez at A&G Ideas.</p> <p>This bid waiver is to increase an existing PO P0956085 by \$40,500, from \$13,500.00 to \$54,000.</p> <p>Dr. Gonzalez is the leading expert in the analysis of correlation functions in heavy-ion physics. He has the expertise and all the software and tools necessary to carry out this work efficiently and swiftly.</p>	Peter Hoffmann, Chair - Physics & Astronomy; approved by Michael Wright
5 / \$ 202,274.00			

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

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C. URGENT OR EMERGENCY REQUIREMENT (S06)				
15	P0972424	<p>Social Work Examination Services</p> <p>\$ 63,500.00</p> <p>Grant Fund Accounts; AVP Fis Op Admin</p>	<p>Basis: Continued Use of Prior Tested Solution Due to Urgency of Order</p> <p>Software for on-line practice licensing exams for the School of Social Work students from Social Work Examination Services (SWES).</p> <p>Due to the specialized needs of on-line practice licensing exam software for the School of Social Work, it was determined the Associate Dean of Student Services, the Director of Continuing and Interprofessional Education, and the Systems Administrator were best suited to select the appropriate software.</p> <p>Social Work Examination Services (SWES) software best suits the on-line practice licensing exam needs specifically for School of Social Work students.</p> <p>Previously, the School of Social Work has been using Social Work Examination Services for the written exams and testing materials and study materials. As a result of the Pandemic and the need to have Students conduct coursework off campus, this year, they intend to service 2,000 students versus the 50-100 students in the past.</p> <p>Previous PO's:</p> <p>P0859792 04/20/2018 \$6,375.00 P0819074 06/09/2017 \$6,375.00 P0792642 11/15/2016\$4,275.00 P0771441 06/06/2016\$5,312.50 P0756354 02/08/2016\$5,255.00 P0720771 05/06/2015\$8,360.00 P0703913 12/16/2014\$8,320.00 P0677376 06/03/2014 \$10,390.00 Grand Total\$54,662.50</p>	<p>Sheryl Kubiak; Dean of Social Work; approved by Kenneth Doherty</p>

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

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16	P0972233 Chronomics Ltd \$ 484,500.00 Grant, Contracts, Restricted Gift Accounts, Pharmacy Practive	<p>Basis: COVID-19-Test_Equipment Saliva based COVID -19tests for Pharmacy Practice - EACPHS. Chronomics offers a well-designed saliva-based molecular assay for detection of SARS-CoV-2. Other potential suppliers have commitments to deliver their supply and were not able to fulfill orders based on the time limits and timeline for this Project. There are relatively few options for saliva-based COVID-19 tests but all other available tests were reviewed.</p> <p>This project was urgent nature as part of the response to the COVID-19 epidemic in the Metro Detroit area. Knowledge about the Saliva tests from doctors involved in the WSU Project gave the Pharmacy Team the ability to negotiate pricing and obtain reduced cost based on a high volume order.</p>	Lynette Moser / Pharmacy Practice Dept Chair, approved by Kenneth Doherty
17	P0971613 Cepheid \$ 133,200.00 Grant Fund Accounts; Health Clinic	<p>This is an urgent order request.</p> <p>Basis: COVID-19-Test_Equipment Four Genexpert IV-4 site system express for the Campus Health Center / Nursing Practice Corporation (NPC) from Cepheid. .</p> <p>Rapid Testing Equipment is required for the grant project funding the purchase, additionally this type of equipment is difficult to procure due to current market competition for such devices used for molecular diagnosis. The equipment can test for Covid-19, Flu, MRSA, and other respiratory diseases. Our use will be primarily for Covid-19.</p>	Ramona Benkert, Interim Dean- College of Nursing, approved by Kenneth Doherty
18	P0973614 University Physician Group \$ 318,542.00 Designated Fund Account; Med Office of Dean Admin	<p>Basis: Use of University Affiliate for Specialized Services Implementation of the COVID-19 Mobile Testing Unit Program for the School of Medicine by Wayne Health.</p> <p>This work has been funded by individual contributions and donations supporting the program. Wayne Health is a co-partner responsible for the medical services provided additional support services required for implementation of the program, including, but not limited to, IT support services, lab reporting, and personnel.</p> <p>Setting up of the test site was a response to the growing COVID-19 Pandemic</p>	Dr. Phillip Levy, Associate Chair for Research, approved by Kenneth Doherty

19

4 / \$ 999,742.00

D. COMPATIBILITY WITH PREVIOUSLY PURCHASED EQUIPMENT OR SERVICES

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

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20	P0972704 Daktronics, Inc. \$ 720,000.00 Plant Fund Account, FP&M AVP	<p>Basis: Compatible with Existing Equipment Installations at Athletics Daktronics - Electronic scoring display system for the new Basketball Arena including a seven-year service warranty. Daktronics has provided electronic scoreboards and service to the University for several years. Current WSU electronic scoreboards purchased from Daktronics include scoreboards for baseball/softball, volleyball and basketball.</p> <p>Daktronics has provided the University with quality equipment and excellent service. This equipment will be compatible with several existing systems. WSU has invested more than \$500,000 in equipment with this vendor. Allowing this purchase will maintain the continuity of service across all equipment. The Athletics' staff has utilized this system for several years and very knowledgeable on the operations of this equipment and are able to work with it confidently to score games.</p> <p>The equipment purchase will include the following: One Indoor Daktronics 5.9MM LED Video Display 966x1680 Two Indoor Daktronics 1.5MM LED Ribbon Display 48x3040 One Indoor Daktronics 1.9MM LED Video Display 1440x2560 Eighteen Locker Room Clocks Five Backboard Light Strips Three Shot Clocks Two Backup Floor Clocks Two Standard Scoreboards Control Equipment Installation Support Service: 7 Years Parts, 2 Years Labor Warranty Cost: \$720,00.00</p> <p>Previous Daktronics Purchase Orders 9/13 P0965994- \$71,950.00 Volleyball/Wrestling Scoreboards 6/15 P0725618- \$349,368.00 Football Scoreboard 7/16 P0977677- \$49,977.00 Softball Scoreboard 9/19 P0928537- \$35,000.00 Scorer Table</p>	Rob Fornier, Athletics; approved by Brian Dadey

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

21	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	P0972703	Access Interactive LLC \$ 56,664.00 Grants, Contracts, Restricted Gift Accounts; Non-Degree Prog Admin	<p data-bbox="655 282 1323 303">Basis: Compatible with Existing Software Technology</p> <p data-bbox="655 342 1776 423">120 additional concurrent VMware software licenses and supporting products from Access Interactive for Computing & Information Technology (C&IT). These licenses are to provide remote access to students and faculty computers to virtual classrooms for teaching and learning.</p> <p data-bbox="655 456 1776 594">The original license was purchased on PO P0955689 dated 6/5/20 at a cost of \$230,649. This additional purchase will bring WSU to a total of 610 concurrent licenses and connections. This purchase is necessary to keep up with concurrent demand of VDI (Virtual Desktop Infrastructure) when classes are in session. The demand for virtually hosted classrooms has dramatically increased as a result of the pandemic.</p> <p data-bbox="655 631 1776 773">VMware is the hypervisor used at WSU for hosting virtual platforms. Maintaining this compatibility with our existing environment is highly desirable for reducing personnel support costs and operational compatibility. All of our existing VMware support contracts have been procured through Access Interactive and maintaining a single support agreement is important for managing the various VMware product licenses and leverages the overall spend for our discount level.</p>	Robert Thomas, AVP C&IT; approved by Kenneth Doherty

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

22	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	P0972532	UbiSim Inc \$ 54,600.00 Grants, Contracts, Restricted Gift Accounts; Non-Degree Prog Admin	<p>Basis: Compatible with Existing Software Technology Virtual reality software primarily for College of Nursing simulation lab, use which will eventually be expanded to other WSU departments with similar needs and associated hardware and software for Computing & Information Technology, C&IT, from UbiSim, Dell and B&H Photo.</p> <p>This software was originally being sought by the College of Nursing at a lower value and the potential for expanded use has increased the value in excess of \$25,000. The goal to use virtual reality software to support inter-professional education opportunities was introduced initially by Provost Whitfield and reinforced by Provost Clabo with the goal of the College of Nursing being the lead/center of excellence for this technology.</p> <p>Three vendors were selected for technical review of their solution: UbiSim, SimX, and Oxford Medical Simulation. No vendors were lower in price than UbiSim. Oxford Medical's library of prebuilt scenarios was lacking content required by Nursing. Their solution is also menu-driven, and customization/creation of scenarios by College of Nursing staff is not available. SimX met the requirements for distance learning, multiplayer, and is highly interactive, however all content is custom created for customers, which would be cost prohibitive. Scenario creation fees range from \$2,000 to \$10,000 each, depending on complexity. The base price of SimX software is also higher than UbiSim (\$90K+ vs \$54,600).</p> <p>UbiSim is the only virtual reality software created exclusively for use in nursing education. Their library of existing scenarios is customizable to meet Nursing's needs. The software includes an editing tool that allows for the easy creation of new virtual reality scenarios without incurring programming expenses. UbiSim is the only software currently on the market that met all of the requirements established by the College of Nursing.</p> <p>Additionally, the Dell hardware is over the 25K value on it's own. Alienware equipment was evaluated and approved for the eSports Game Project- PO940493. This equipment is following that same assessment and conclusions that the Alienware is the best choice for this specialty purchase and project. The hardware requirements for the UbiSim software include high performance video cards found in gaming laptops. The Alienware gaming laptops contain the UbiSim recommended video cards. Dell was also selected due to their strategic source relationship with the University and ability to provide rapid warranty services.</p> <p>This request is Grant funded provided by Macomb County to support WSU in its transition to on-line delivery and to prepare the WSU Macomb centers (ATEC and MEC) to deal with COVID-19 health and safety concerns.</p>	Robert Thomas, AVP C&IT; approved by Kenneth Doherty

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
23	P0972603 The Common Application Inc \$ 35,000.00 General Fund Account, Undergraduate Office Of Admissions	<p>Basis: Compatible with Prior Software Purchases Single On-line college application form for Admissions from The Common Application.</p> <p>The Common Application is a single on-line college application form used by over 900 colleges and universities. Since 1975, Common App has strived to remove barriers, to reduce the stress and burdens on students and their families from multiple college applications, and to create greater access to higher education opportunities for all students by creating and innovating a single, shared application for college admission.</p> <p>The application allows students to fill out general information in one application that is sent to member schools to which the student applies.</p> <p>Common Application is the sole source for this service. In the past, the university has created several small purchase orders to cover this monthly service.</p> <p>The cost of the contract is non-negotiable and is determined by the application volume WSU receives each year.</p>	Dawn S. Medley, AVP Enrollment Management, approved by Kenneth Doherty
24	P0972544 Educational Computer Systems Inc \$ 65,000.00 General Fund Account, Office of the Bursar Administration	<p>Basis: Continuation of Professional Services Hosted platform for billing and payment services for campus-based federal and university loans for the Bursar's Office, from Educational Computer Systems Inc. (ECSI).</p> <p>Several factors were considered by the Bursar's Office prior to requesting this bid waiver:</p> <ol style="list-style-type: none"> 1) Risk of non-compliance with federal regulations due to potential change over to a new servicer, 2) Importance of continuity during the closing of the Perkins Loan program, 3) Cost avoidance of building cross-walk integration with a new servicer, 4) Lack of servicers that provide the scope of work for large comprehensive universities, and <p>Because of these factors, working with Procurement, the team has secured a single source the extension to this agreement with our current service provider.</p> <p>The Bursar's team completed research into Michigan universities that outsource this service. Feedback from institutions show that the current provider is the only servicer providing this service to large institutions at or near our scale. Also, there are not staff resources available to consider housing this work internally.</p> <p>As the University inevitably draws near to the complete wind down of the Perkins Loan program, this will be reevaluated and the department will address cost effective options at a later time.</p>	Patrick Beirne, Director, Bursar's Office, approved by Kenneth Doherty

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

25	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	P0971620	Internet 2 \$ 30,000.00 General Fund Account, C&IT	<p data-bbox="655 282 1323 303">Basis: Compatible with Existing Software Technology</p> <p data-bbox="655 310 1776 362">Enterprise wide license for LastPass for Computing and Information Technology (C&IT) from Internet 2.</p> <p data-bbox="655 399 1730 451">LastPass is a fully-hosted, cloud-based password management software service that saves user's passwords and provides secure access from every computer and mobile device.</p> <p data-bbox="655 488 1776 570">WSU currently uses LastPass, purchased directly from LogMeIn, for protecting passwords and shared administrative accounts used in C&IT. With the consolidation of IT and request from other non-IT workers C&IT needs to purchase additional licenses.</p> <p data-bbox="655 607 1776 711">LastPass has changed their educational discounts from what was previously a per-user discount to a campus size model. While the cost is greater than paying per IT user, the new model allows the University significant benefits, which include being able to offer use of the enterprise level product to all employees and students.</p> <p data-bbox="655 748 1776 852">LastPass has changed their educational discounts from what was previously a per-user discount to a campus size model. While the cost is greater than paying per IT user, the new model allows the University significant benefits, which include being able to offer use of the enterprise level product to all employees and students.</p> <p data-bbox="655 889 1776 941">Expansion of use for a currently used product. Leveraging our Internet2 membership discounts and pre-negotiated agreement and rate schedule, allowed WSU to obtain a price lock for a 3 year period.</p> <p data-bbox="655 979 1041 1088">Previous PO's: P0626883 - 04/2013 - \$26,000.00 P0680939 - 06/2014 - \$56,000.00 P0841307 - 11/2017 - \$48,450.00</p>	Robert Thomas, AVP C&IT; approved by Kenneth Doherty

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by	
26	P0971495	Midwest Medical Equipment Company, Inc. \$ 50,316.00 General Fund Account DLAR	<p>Basis: Single Source Negotiation with Procurement's Participation with Only Known Source</p> <p>Animal Equipment Maintenance Services for the Department of Laboratory Animal Resources (DLAR) equipment (i.e. rackwashers, bottlewashers, autoclaves), from Midwest Medical. Equipment is distributed between eight different DLAR facilities throughout campus.</p> <p>Midwest has provided service for DLAR equipment for the last 20 years and is highly familiar with the locations and actual equipment. The company is local and available for short notice service requests. Company is willing to work weekends and stay over to get equipment fixed at no extra charge.</p> <p>DLAR and Procurement entered into a single source contract negotiation, and have issued a 3 year agreement valued at approximately \$120,000. The negotiated agreement resulted in lower pricing than was previously available under blanket POs.</p> <p>Previous single year PO#s P0928082 - FY2020 - \$37K P0879223 - FY2019 - \$33K P0832317 - FY2018 - \$37K P0786723 - FY2017 - \$42,500 P0743737 - FY2016 - \$24,500</p>	Michael Bradley, Interim AV; approved by Kenneth Doherty

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

27	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	P0971059	Stanton Publication Services \$ 33,800.00 Auxiliary Fund Accounts, University Press	<p>Basis: Continuation of Specialized Services with Existing Supplier Stanton Publication Services dba: BookMobile- Produces short-run book printing and shipping service for University Press books and journals. Ever since the agreement established from the RFQ in 2011, which is now expired, the Press has looked at other vendors, but none can provide the print - on - demand services, the quality, and the customer service they have enjoyed from BookMobile.</p> <p>BookMobile provides prints-on-demand books at a lower cost compared to other vendors. Additionally, their pricing does not change based on the quantity of books printed . This is significant because some of University Press' print runs are low in quantity and this keeps our costs low.</p> <p>The University Press has utilized BookMobile for several years due to their quality print services, low costs, and their excellent customer service. Many of our journals have been set-up and printed by BookMobile which makes it cost effective to continue to utilize this vendor.</p> <p>Previous Pos 2019P0935898\$39,176.00 2018P0881179\$48,486.85 2017P0831520\$64,609.10 2017P0832073\$10,000.00 2016P0796654\$15,000.00 2016P0787347\$44,183.45</p>	Stephanie Williams, Director University Press; approved by Kenneth Doherty

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
28	P0970845 RuffaloCODY Holdings LLC \$ 316,278.00 General Fund Account, Development	<p>Basis: Continuation of Specialized Services</p> <p>Managed phone solicitation program for WSU Annual Giving Department from Ruffalo Noel Levitz (RNL). Services include: cell phone append, e-mail verification and append services, advanced address research, Giving Day module, digital display advertising, enhanced analytics, and use of the Scalefunder crowdfunding platform.</p> <p>Annual Giving began using Ruffalo Noel Levitz {formerly RuffaloCODY} to operate the WSU call center fundraising program in 2005. FY 20 was year three of a three year contract with RNL. Development knows of only two service providers that specialize in the kind of fund raising involved, RNL and William Bennet, and in comparing pricing, found RNL to offer better rates. Currently, WSU Annual Giving is evaluating whether to continue having an outside company manage the call center or have it managed in-house. This process will take several months, however, and it is crucial to continue the operations of the call center during the peak fundraising time in the fall. WSU Annual Giving requested a one year extension of the contract with RNL, so it can decide between continued outside management or in-house management of the call center for FY 22. Changing management of the call center at this time would lead to reduced fundraising results. In addition, RNL has offered a credit for unused calling hours from FY 20 during the stay at home time period.</p> <p>Development and Alumni Affairs will work with PASS to competitively bid management of the call center if it decides to continue with outside management, issuing the RFP at a minimum to Ruffalo Noel Livitz and William Bennit, the other majory service provider for this type of call center. Should the division decide to bring the management of the call center program in-house, it will work with PASS to competitively bid the necessary support programs, equipment, etc.</p> <p>Prior POs include: P0936808 11/18/2019 \$549,571.31 P0879686 9/18/2018 \$559,677.19 P0832000 9/19/2017 \$561,443.00 P0786913 10/5/2016 \$597,764.00 P0739419 9/28/2015 \$561,100.00 P0697406 10/27/2014 \$545,500.00 P0651996 11/1/2013 \$546,200.00 P0614276 12/4/2012 \$530,500.00</p>	
29	P0970629 Siemens Industry Inc \$ 33,397.00 Plant Fund Account, FP&M AVP	<p>Basis: Compatible with Existing Infrastructure Equipment</p> <p>Siemens Industry Inc. Installation of HVAC and lighting controls for Animal Holding Room conversion, Rooms 0003 and 0114, located at the IBO building. The IBO building is presently equipped with Siemens HVAC and lighting controls equipment.</p> <p>The new equipment will be compatible with the building's existing Siemens systems. The additional HVAC and lighting controls will maintain the buildings infrastructure and integrity.</p>	Rob Davenport; AVP FP&M; approved by Kenneth Doherty

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

30	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	P0971505	EnACT Your Future Inc \$ 59,750.00 Grant Fund Account; APEX	<p>Basis: Compatible with Prior Orders for Professional Services S.A.T Prep instruction for 100 student participants enrolled in the Federal TRIO Program . ENACT Your Future will provide test-prep instruction twice weekly per student, from November 2020 through April 2021. They will additionally provide SAT Masters Student workbooks with digital videos, a practice test and an SAT Refresher Mini-Program.</p> <p>ENACT is a local company, hence they can foster meaningful relationships with key stakeholders (students, parents, and school administrators, etc.). Having a company that's from the community allows the vendor to offer his service during the school day. Students are selected to attend SAT prep based on their electives , which leads to a higher level of participation from students, versus them receiving the instruction after-school.</p> <p>SAT prep companies such as Kaplan and Princeton Review have a standard template they apply to all students - without flexibility or adaptation. The ENACT approach teaches the student how they learn. Then they adjust to individual students learning styles, overall making it a more enjoyable experience.</p> <p>The cost for FY 2021 has increased to approximately \$60,000. TRIO is now servings more students (100) and are offering more sessions (25) per participant. Past events, only offered 6-8 sessions per student and we averaged 18-25 participants.</p> <p>Purchase Order Costs to Date 2020- \$16,500.00 2019- \$24,000.00 2018- \$10,400.00 2017- \$7,000.00 2016- \$14,600.00</p>	Henry Robinson, Sr Director, TRIO; approved by Michael Wright

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
31	P0962704 SIGHTLINES LLC \$ 297,251.40 General Fund Account FP&M AVP	<p>Basis: Continuation of Services to Ensure Consistency of Analysis Membership in the Sightlines LLC organization, to obtain an independent and rigorous assessment of the campus plant portfolio. This assessment will include measurement, valuation, benchmarking and analysis of the 6.1 Million general fund physical plant space, along with a review of FP&M operations and spending & investing patterns. All reports and observations will be provided back to Facilities Planning & Management (FPM).</p> <p>Additional scope has been added to the original 2016 contract to get a strategic capital planning solution and building portfolio analysis for the University. This includes technical data collection and analysis for campus buildings, as well as tailored recommendations and final presentations along, with a capital plan.</p> <p>Sightlines offers a one kind unique benchmarking membership and their independent analysis. No other known firm has a comparable offering. The goals include the establishment of a credible and comprehensive foundation of field-validated facilities and financial intelligence, in order to identify and mitigate facilities risks and make more data-driven and strategic decisions. In addition, the goal is to provide a facility condition index.</p> <p>While there are some Architectural and Engineering firms that provide Building condition analysis and recommendations, those firms engage in other offering as well including architectural design and project management and do not provide the independent comprehensive, ongoing analysis of investment and impact that the Sightlines offering will provide.</p> <p>This will be a 2nd three year of the engagements with Sitelines. Because thof the uniqueness of the Sightlines membership, this is not an opportunity for a competitive bid. TOfal of the waiver among POs P0962106 and P0962704 is \$471,724</p>	Robert Davenport AVP of FP&M; approved by Kenneth Doherty
32	P0929497 Medical Center Emergency Services \$ 250,000.00 Auxiliary Fund Account, Poison Control Center	<p>Basis: Continuation of Professional Services with Existing Service Provider On-Call duties for Emergency Medicine provided by Michigan Poison Control Center (MPCC).</p> <p>These services are part of the transition of the MI Poison Control Center (MI PCC) from DMC/CHM to the WSU School of Medicine. The only people listed in the MI PCC and Medical Center Emergency Services (MCES) contract are authorized to perform on-call duties.</p> <p>The original Purchase Order was issued for \$200,000.00 with the rates being \$275/12 hours x 2 x 365 days. This Change order is to increase the Purchase Order to \$250,000 due to additional hours being required by the people qualified and authorized to provide these on-call duties.</p>	Brian J. O'Neil, Chair, Department of Emergency Medicine; approved by Kenneth Doherty

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by	
33	P0970762	DuBois Chemicals \$ 24,533.02 General Fund Account, FP&M Facilities Operations Engineering	<p>Basis: Continuation of Professional Services with Existing Service Provider HVAC Boiler and HVAC Chemicals for the FP&M Maintenance Operations department from Dubois Chemicals (formerly Eldon Water. These chemicals are used to operate and maintain the heating systems across campus. These chemicals are essential for the operation and maintenance of the heating systems across the campus.</p> <p>Eldon Water was selected as the University's strategic supplier for these chemicals in 2012 as a result of a competitive bid. In September 2018, Eldon were acquired by Dubois Chemicals. Based on performance over the initial time period of the Agreement, a contract extension was put into place for a time frame ending in September 2020.</p> <p>FP&M is planning to revamp the entire process for maintenance of the boilers and heating systems, and as a result, our future requirements may differ than from what's been in place the last eight years. Once specifications are finalized, an RFP will be released through Procurement. This waiver is to ensure we have chemicals available for the next several months while strategy is developed and proposals are received and analyzed. PO not to exceed \$32,000</p>	Rob Davenport; AVP FP&M; approved by Kenneth Doherty
34	P0973404	TMA Systems, LLC \$ 28,500.00 General Fund Account FP&M	<p>Basis: Use of the Current OEM Supplier for Specialized Services Current Hosting Services, Reimplementation and reprogramming of the TMA system, for Facilities Planning and Management (FP&M) from TMA Systems.</p> <p>The TMA Systems software allows the FP&M to track physical assets and develop the appropriate preventative maintenance programs. TMA Systems will host the software with a focus on reorganizing departments and developing a preventative maintenance program. Additionally, TMA Systems will provide training to an FP&M employee who then will train other employees.</p> <p>FP&M has successfully utilized the TMA System since 2012 to maintain the facilities physical assets. They are the Original Equipment Manufacturer (OEM) of the installed system which tracks the physical assets. This bid waiver is written for \$151,000, as the application will be enhanced in 2021 to incorporate additional modules and functionality not currently in use. This will allow for more efficient workflow within FP&M Plant Operations.</p> <p>Previous TMA Systems Purchase Orders P0788979- \$31,772.50 P0836813- \$31,727.50 P0894121- \$32,267.50 P0930954- \$32,267.50 P0967165- \$33,310.00</p>	Robert Davenport, AVP FP&M; approved by Kenneth Doherty

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

35	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	P0974752	Retro Viral Foundation \$ 26,779.00 Grants, Contracts and Restricted Gift Accounts; Behavioral Health	<p>Basis: Continued Use of Professional Services through the Recommended Source Salary reimbursement for Alice Johnson NP, for the Infectious Diseases Administration, from Sinai Grace Specialty Clinic (Retro Viral Foundation).</p> <p>This service is required to provide medical aid to newly diagnosed HIV/AIDS patients and provide consulting services to the clinical nurses during clinic hours, for any diagnostic uncertainties and treatment needs not defined in the clinical protocols.</p> <p>Alice Johnson NP, has expertise with HIV/AIDS patients, diagnostic uncertainties and treatment needs not defined in the clinical protocols. Alice has provided these specific services to patients at Infectious Diseases for several years. Many WSU faculty are not clinicians, and the staff at Sinai Grace are actual clinicians seeing diagnosed HIV/AIDS patients, as well as providing deliverable services to patients.</p>	Wiletta Wiggins, Financial Manager; Infectious Diseases; approved by Michael Wright
			<p>Prior PO's with Sanai Grace:</p> <p>P0937597 Retro Viral Foundation 11/22/2019 \$24,853.00 P0923979 Retro Viral Foundation 8/23/2019 \$205,128.09 P0885287 Retro Viral Foundation 10/25/2018 \$24,366.00 P0846061 Retro Viral Foundation 1/08/2018 \$154,962.68</p>	

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

36	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	P0973044	Kelley Cawthorne Consulting LLC \$ 125,895.00 General Fund Accounts, VP Govt Affairs	<p>Basis: Compatible with Prior Purchases Kelly Cawthorne Lobbying and Consulting services in Lansing. Government and Community affairs has utilized the lobbying and consulting services of Kelly Cawthorne PLLC, since 2001. They are pleased with Kelly Cawthorne's services, and prefer not to consider other options at this time, based on the long-standing relationship.</p> <p>Given the addition of government health affairs to the Division and the need for continuity on several very high-level health affairs initiatives, Governmental Affairs determined it is in the University's best interest to maintain its affiliation with Kelley Cawthorne.</p> <p>Previous PO's include: P0932524 10/02/2019 \$123,172.50 P0882735 10/8/18 \$120,450.00 P0860112 4/23/18 \$115,500.00 P0787901 10/11/16 \$115,500.00 P0743853 10/27/15 \$66,000.00 P0694514 10/8/14 \$57,680.00 P0661782 2/3/14 \$57,680.00 P0614062 11/30/12 \$57,680.00</p>	Patrick Lindsey, VP Research; approved by Michael Wright

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
37	P0963630 Denlander Medical LLC \$ 98,000.00 Grants, Contracts and Restricted Gift Accounts; Department of Oncology Administration	<p>Basis: Continuation of Specialized Services for Year Two Ultrasound Tomography Technology Services for the Department of Oncology from Dr. Peter Littrup / Denlander Medical LLC. As required by the grant, Dr. Littrup will</p> <ul style="list-style-type: none"> (i) develop image quality metrics to compare performance of time-based and frequency-based algorithms (ii) select UST, mammography and MRI clinical images for comparative analysis (iii) Compare image quality using MRI as a gold standard reference (iv) help assess clinical impact of images and improvement of 3-D images over 2-D images and (v) help write publications, presentations and white papers <p>These services are to support an on going Oncology research. Dr. Littrup was a radiologist at Wayne State for many years before leaving to start his consulting business 6 years ago. During his time at Wayne State, he worked with the PI in Oncology to develop the ultrasound tomography technology that is related to the current project needs. As a result, Dr. Littrup brings a unique skillset and capabilities to provide services that will help make the project a success.</p> <p>Dr. Littrup is one of the early developers of this technology, and is capable of performing the procedures without further training or expense. In addition, Dr. Peter Littrup has been named in the NIH grant part of the grant application process.</p> <p>This bid waiver is to increase the original purchase order P0963630 by \$49,000 to cover year 2 of the grant, from \$49,000 to \$98,000.</p>	Valerie Wade, Associate Director of Oncology; approved by Kenneth Doherty

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

38	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	P0951469	John McCooe & Associates \$ 191,375.00 Indirect Cost Recovery Accounts; Research Stimulation Fund	<p>Basis: Continuation of Specialized Recruiting Services Assistance in recruiting for positions in DLAR for the Office of the Vice President, OVPR, for Research from McCooe and Associates.</p> <p>This is for the recruitment for a Director – This is a continuation of the initial search for several positions within DLAR. The OVPR is no longer recruiting for an AVP, and instead will recruit for a second Clinical Veterinarian. The appropriate funding was not established within the initial PO and as a result need additional funding to cover the cost for recruitment.</p> <p>The Bid Waiver is issued to increase PO P0951469 by \$52,000, from \$139,375 to \$191,375.</p> <p>McCooe & Associates has a history of success in recruiting leaders to Midwestern cities, their experience includes recruitment of VMDs and MDs for corporations, healthcare centers, research institutes, and higher education. McCooe and Associates specializes in highly technical recruitment for positions that are challenging to fill. It is critical that we find highly qualified candidates as soon as possible, so that we do not jeopardize our accreditation with AAALAC and other accreditation agencies. In addition, McCooe has already assisted with placement for the same position and therefore it makes sense to continue the search for a second placement with them.</p> <p>Recruiting other candidates on our own has been unsuccessful. There is still shortage of candidates in this particular field. McCooe & Associates have contacts at the top NIH funded Organizations, which can provide broad and thorough assessment of candidates for the Director of Compliance position in a prompt and efficient manner. They also have sourcing from professional organizations such as Committee on Laboratory Animal Training and Research and independent research facilities, such as MPR Research Inc. in Mattawan, MI. For accreditation purposes, there is limited time to get the positions filled.</p> <p>Previous PO's: P0821845 6/30/2017 \$25,000.00 P0797612 12/22/2016 \$52,500.00 P0638808 7/19/2013 \$35,640.00 P0603524 8/24/2012 \$28,540.00</p>	Stephen Lanier, Vice President for Research; approved by Kenneth Doherty

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
39	P0947034 University of Michigan \$ 196,199.00 General Fund Accounts; Anxiety Disorders Research Division Admin	<p>Basis: Continuation of Specialized Research Services Extension for 1 year of collaborative research services for department of Psychiatry & Behavioral Neurosciences with the University of Michigan. The services will be overseen by U of M's Dr. Hannah, who is a leading Child Psychiatrist in Obsessive Compulsive Disorder(OCD) Research in the State of Michigan. Dr. Hannah and his team recruit & complete diagnostic evaluations and neuropsychological testing of 112 pediatric research participants. Details of the goals of the study have been provided to Procurement.</p> <p>The 1 year extension increases the PO by \$94,685, from \$101,515 o \$196,199.</p> <p>U of M will perform clinical assessments, genetic testing and will refer patients meeting the diagnostic criteria to Wayne State. Wayne State will conduct the sophisticated Magnetic Resonance Imaging (MRI) portion. This is a unique research project that no other institutions within the State are pursuing.</p> <p>This work reflects the signed research collaboration contract between Wayne State and U of M.</p>	Dr. David Rosenberg, Chair of Psychiatry & Behavioral Neurosciences; approved by Kenneth Doherty

20 / \$ 2,693,337.42

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
E. PARTNERSHIPS/SPONSORS			
40	P0970960 Nursing Practice Corporation \$ 345,170.00 Grant, Contracts and Restricted Gift Accounts, Nursing	<p>Basis: Use of Institutional Affiliate, as indicated in the Grant Proposal Service Agreement with Nursing Practice Corporation (NPC) to carry out the United Way of Southeastern Michigan Grant to Wayne State University (WSU). As the result of the grant, WSU entered into a contractual agreement with the Nursing Practice Corporation as the clinical partner to fulfill the obligations of the grant.</p> <p>The Clinical partner is expected to do the following:</p> <ul style="list-style-type: none"> •The clinical team (e.g. NP, MS, MD, SW, CHW) will engage in online and face to face clinical visits for mental health and chronic care management with the older adults. •The clinical team (e.g. NP, MS, MD, SW, CHW) will engage in online and face to face clinical visits for mental health and chronic care management with the caregiver of the older adults. •The clinical team (e.g. NP, MS, MD, SW, CHW) will develop a team-based strategy to assist the older adult and his/her caregiver with mental health and chronic care management needs. •The clinical team will assist with outreach to the seniors and caregivers identified by the focus hope team, • <p>The program will operate in two Detroit clinical settings- Taylor Street Primary Care Clinic and the WSU Nursing Practice Corporation. The Taylor Street Primary Care Clinic is a non-profit MHC which provides accessible and quality care to Virginia Park residents with the ability to serve 17,000 residents. These clinics were selected by Focus Hope based on their offer of free mental health and chronic care management services in two Detroit areas-Virginia Park and Eastside neighborhoods.</p> <p>The term of the contract will cover October 2020 through December 2020. The grant amount is \$345,170.00</p>	Ramona Benkert, Interim Dean; approved by Kenneth Doherty

1 / \$ 345,170.00

F. Bid Waiver not signed off by Procurement. Ordering Dept signed off on contract.

0 / \$ 0.00

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
41	G. OTHER (SEE EXPLANATION) P0972539 Dell Incorporated \$ 31,207.52 Grants, Contracts, Restricted Gift Accounts; Non-Degree Prog Admin	<p>Basis: Informal Sourcing Conducted by the Requesting Department Virtual reality software primarily for College of Nursing simulation lab, use which will eventually be expanded to other WSU departments with similar needs and associated hardware and software for Computing & Information Technology, C&IT, from UbiSim, Dell and B&H Photo.</p> <p>This software was originally being sought by the College of Nursing at a lower value and the potential for expanded use has increased the value in excess of \$25,000. The goal to use virtual reality software to support inter-professional education opportunities was introduced initially by Provost Whitfield and reinforced by Provost Clabo with the goal of the College of Nursing being the lead/center of excellence for this technology.</p> <p>Three vendors were selected for technical review of their solution: UbiSim, SimX, and Oxford Medical Simulation. No vendors were lower in price than UbiSim. Oxford Medical's library of prebuilt scenarios was lacking content required by Nursing. Their solution is also menu-driven, and customization/creation of scenarios by College of Nursing staff is not available. SimX met the requirements for distance learning, multiplayer, and is highly interactive, however all content is custom created for customers, which would be cost prohibitive. Scenario creation fees range from \$2,000 to \$10,000 each, depending on complexity. The base price of SimX software is also higher than UbiSim (\$90K+ vs \$54,600).</p> <p>UbiSim is the only virtual reality software created exclusively for use in nursing education. Their library of existing scenarios is customizable to meet Nursing's needs. The software includes an editing tool that allows for the easy creation of new virtual reality scenarios without incurring programming expenses. UbiSim is the only software currently on the market that met all of the requirements established by the College of Nursing.</p> <p>Additionally, the Dell hardware is over the 25K value on it's own. Alienware equipment was evaluated and approved for the eSports Game Project- PO940493. This equipment is following that same assessment and conclusions that the Alienware is the best choice for this specialty purchase and project. The hardware requirements for the UbiSim software include high performance video cards found in gaming laptops. The Alienware gaming laptops contain the UbiSim recommended video cards. Dell was also selected due to their strategic source relationship with the University and ability to provide rapid warranty services.</p> <p>This request is Grant funded provided by Macomb County to support WSU in its transition to on-line delivery and to prepare the WSU Macomb centers (ATEC and MEC) to deal with COVID-19 health and safety concerns.</p>	Robert Thomas, AVP C&IT; approved by Kenneth Doherty

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

42	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	P0971600	Oceanside Ten Holdings.com LLC \$ 79,500.00 Grant Fund Account, Psychology Dept	<p data-bbox="655 282 1495 303">Basis: Informal Sourcing Conducted by the Requesting Department</p> <p data-bbox="655 310 1772 362">Online Survey Services of Police Officers and Community Members for the Department of Psychology from ROI Rocket.</p> <p data-bbox="655 399 1772 597">ROI Rocket will provide solutions and recommendations to successfully recruit a sufficient number of participants to yield five hundred police officers and one thousand community members. An online survey will then be distributed, and interviews will be completed after an estimated lag period of 12 weeks between the T1 online qualification survey and T2 online follow-up survey. ROI Rocket will recruit the police officers and community members from the same DMA markets with representation for race and gender for police officers and an oversampling of African Americans (50%) and Hispanic/Latino-x (25%).</p> <p data-bbox="655 634 1772 833">The grant PI, Lars U. Johnson, sent requests to three leading vendors (ROI Rocket, Survey Monkey, and Qualtrics). ROI Rocket was the only vendor that was able to feasibly meet the request. The other 2 vendors were only able to partially complete the request, and this would have required significant adjustments to the grant specifications. Qualtrics was rejected because they were unable to meet the request. Although their quote is lower, their rate is much higher than ROI Rocket. Survey Monkey was not able to meet the request. They were the most limited quote, and it is difficult to compare their rate.</p> <p data-bbox="655 891 1772 974">The nature of this service is unique and requires multiple meetings between the PI and vendor. The PI's input is necessary to ensure that the nature of the study is not constrained by the vendor's project feasibility limitations. This would have been the case for two of three vendors.</p>	Scott Brown, Dept of Psychology; approved by Kenneth Doherty

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by	
43	P0975016	Dell Incorporated \$ 42,720.00 Plant Fund Account; C&IT Admin	<p>Basis: Compatible with Existing IT Infrastructure Dell Inc. - VSAN (Virtual Storage Area Network) compatible HDDs (Hard Drive Disk) and SSDs (Solid State Drive) for storage expansion on existing Dell R740xd servers to support the WSU security for the Office of Computing Information & Technology</p> <p>Dell servers only support Dell HDDs and SSDs with Dell certified/encoded firmware. In order to maintain support with Dell for the hardware, Dell certified drives need to be used. Third party drives will indicate an error and prevent the system as a whole from being supported.</p> <p>Third party drives were considered due to their lower cost, but after speaking with Dell they had offered to price match the lowest cost competitor for equivalent drives. They were also able to meet and exceed the lowest pricing on the market from Dell resellers. The drives are encoded with Dell compatible firmware that matches the host system purchased on P0945012 dated 1/30/2020 at a cost of \$151,726</p> <p>Cost: \$42,720.00</p>	Robert Thompson, AVP C&IT; approved by Kenneth Doherty
44	P0974142	Maven Wave Partners LLC \$ 252,000.00 GRants, Contracts, Restricted Gift Accounts; VP Research	<p>Basis: Recommended Source for Professional IT Services Services to assist the PHOENIX team with the infrastructure development in Google Cloud Platform (GCP) and data integration for Dr. Phil Levey in the Office of the Vice President for Research from Maven Wave.</p> <p>Wayne State University is developing PHOENIX, a population health geovisualization solution, which aims to provide the public, policymakers, and community stakeholders a clear view into health outcomes across Michigan in order to inform improvement efforts and investments.</p> <p>Google provided names of companies that have experience using their software at the level required by PHOENIX. The PHOENIX Team, met Malvern and other entities suggested, and Maven Wave has all the services that will be needed for the program. Maven Wave has vast experience with working with the Google Cloud Platform (GCP) and infrastructure development.</p>	Phillip Levy, Assistant VP of Research; approved by Kenneth Doherty

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
45	P0973373 D & E Enterprises Group Inc \$ 51,971.75 General Fund Account, Human Resources	<p>Basis: Use of Source Originally Under Contract through a Competitive Bid Award Service Awards for a 2 year period for Human Resources from D & E Enterprises. D&E Enterprises provides service awards for the University's Annual Retiree and Employee Service Awards Program. The vendor was initially selected based on the RFP-Retiree and Employee Awards 2015. They submitted the winning bid and were awarded a service contract that expired in September 2019</p> <p>Procurement reached out to HR in the fall of 2019 to determine the direction the University would take for the next contract. In January 2020, HR and Procurement began work on a developing a Request for Proposal for release however, due to HR personnel changes and more pressing challenges that rose as a result of the Pandemic, the process was postponed for one year.</p> <p>Over the last five years, D & E Enterprise has provided the University with quality service awards. Allowing D&E Enterprise to continue this service for 2020 would provide continued consistency in the program and gifting service level.</p> <p>This bid waiver is to cover the years of both 2020 and 2021, at a combined cost of \$109,971. It is the intention of HR to work with Procurement to release a new Request for Proposal for future service needs (2022).</p> <p>Previous Purchase Orders P0719341\$59,737.50 P0773421\$42,698.00 P0807989\$39,277.00 P0859287\$41,657.50 P0908030\$47,092.50</p>	Carolyn Hafner, AVP of Human Resources; approved by Kenneth Doherty

**PURCHASING EXCEPTION REPORT
FY 2021
December 2020 - January 2021**

PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by	
46	P0974322	ProSelect Insurance Company \$ 69,967.35 Designated Fund Accounts; multiple departments within the school of medicine	<p>Basis: Desire for Continuity as Responsibility Transfers to Wayne State Medical Student Liability Insurance for the School of Medicine through Coverys Insurance Services. Coverys provides liability and health insurance for wSU School of Medicine medical residents and students.</p> <p>This is a renewal of insurance that had previously been purchased for students by the University Physicians group, and who was subsequently reimbursed by Wayne State. A change to having Wayne State purchase the insurance directly from Coverys came about without sufficient notice to put new coverage in prior to the July 1 renewal deadline.</p> <p>Coverys is also used for student health insurance and for other liability policies in affiliate programs</p>	Martha Jordan, GME Administrative Assistant; approved by Michael Wright
Total	6 / \$ 527,366.62 45 / \$ 5,708,680.30			