



**UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE**

Auditors' Reports as Required by Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance) and *Government Auditing Standards* and Related Information

Year ended June 30, 2022

**UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE**

Auditors' Reports as Required by Uniform Guidance and *Government Auditing Standards*  
and Related Information

Year ended June 30, 2022

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### Independent Auditors' Report

The Honorable Douglas Hoffer,  
 Auditor of Accounts, State of Vermont  
 and  
 The Board of Trustees of the University of Vermont and State Agricultural College:

#### Report on the Audit of the Financial Statements

##### *Opinions*

We have audited the financial statements of the business-type activities and aggregate discretely presented component units of the University of Vermont and State Agricultural College (collectively, the University), a component unit of the State of Vermont, as of and for the years ended June 30, 2022 and 2021, and the related notes to the financial statements, which collectively comprise the University's basic financial statements for the years then ended as listed in the table of contents.

In our opinion, based on our audits and the report of the other auditors, the accompanying financial statements referred to above present fairly, in all material respects, the respective financial position of the business-type activities and the aggregate discretely presented component units of the University, as of June 30, 2022 and June 30, 2021, and the respective changes in financial position and, where applicable, cash flows thereof for the years then ended in accordance with U.S. generally accepted accounting principles.

We did not audit the financial statements of the University Medical Education Associates, Inc. (UMEA), which represent 15% and 18%, respectively, of the total assets of the aggregate discretely presented component units as of June 30, 2022 and 2021, and 12% and 15%, respectively, of the total operating revenues for the years then ended. Those statements were audited by other auditors whose report has been furnished to us, and our opinions, insofar as they relate to the amounts included for UMEA, are based solely on the report of the other auditors.

##### *Basis for Opinions*

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS) and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the University and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

##### *Responsibilities of Management for the Financial Statements*

Management is responsible for the preparation and fair presentation of the financial statements in accordance with U.S. generally accepted accounting principles, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

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In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the University's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

*Auditors' Responsibilities for the Audit of the Financial Statements*

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS and *Government Auditing Standards* will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS and *Government Auditing Standards*, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the University's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the University's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control related matters that we identified during the audit.

*Required Supplementary Information*

U.S. generally accepted accounting principles require that the management's discussion and analysis and schedule of changes in the University's total OPEB liability and related ratios be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with GAAS, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audits of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.



### *Other Information*

Management is responsible for the other information included in the annual financial report. The other information comprises the letter from the President and management's responsibility for the financial report but does not include the basic financial statements and our auditors' report thereon. Our opinions on the basic financial statements do not cover the other information, and we do not express an opinion or any form of assurance thereon.

In connection with our audits of the basic financial statements, our responsibility is to read the other information and consider whether a material inconsistency exists between the other information and the basic financial statements, or the other information otherwise appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.

### **Other Reporting Required by *Government Auditing Standards***

In accordance with *Government Auditing Standards*, we have also issued our report dated November 7, 2022 on our consideration of the University's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the University's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the University's internal control over financial reporting and compliance.

**KPMG LLP**

Colchester, Vermont  
November 7, 2022

# The University of Vermont

## Management's Discussion and Analysis (Unaudited)

### June 30, 2022 and 2021

#### Introduction

The Management's Discussion and Analysis (MD&A) provides a broad overview of the University of Vermont's financial condition as of June 30, 2022 and 2021, the results of its operations for the years then ended, significant changes from the previous years, and outlook for the future where appropriate and relevant.

Management has prepared the financial statements and related footnote disclosures along with this MD&A. The MD&A should be read in conjunction with the audited financial statements and related notes.

The University of Vermont ("the University") is a public, non-profit, comprehensive research institution of higher education established in 1791 as the fifth college in New England. The University consists of seven undergraduate schools and colleges, including the Colleges of Agriculture and Life Sciences, Arts and Sciences, Education and Social Services, Engineering and Mathematical Sciences, Nursing and Health Sciences, the Grossman School of Business, and the Rubenstein School of Environment and Natural Resources. The University also includes an Honors College, the Robert Larner, M.D. College of Medicine, the Division of Continuing and Distance Education, Extension and the Graduate College. The University is the only comprehensive research university in Vermont. The University

has 11,326 undergraduate students and 2,174 graduate and medical students. It is located in Burlington, Vermont with satellite instructional and research sites throughout Vermont. It is a component unit of the State of Vermont as it receives an annual appropriation from the State. For financial reporting purposes, the University's reporting entity consists of all sectors of the University and includes discretely presented financial information for University Medical Education Associates, Inc. (UMEA) and the University of Vermont and State Agricultural College Foundation, Inc. (UVMF). UMEA is a legally separate tax-exempt component unit of the University whose purpose is to support the operations, activities and objectives of the Robert Larner, M.D. College of Medicine of the University. UVMF is a legally separate tax-exempt component unit of the University whose purpose is to secure and manage private gifts for the sole benefit of the University. The MD&A discusses the University's financial statements only and not those of its component units.

The focus of the MD&A is on the University's financial information contained in the Statements of Net Position, the Statements of Revenues, Expenses and Changes in Net Position and the Statements of Cash Flows.

#### Strategic Direction and Economic Outlook

The President's strategic vision, *Amplifying Our Impact*, utilizes a three-pronged approach which includes ensuring student success, investing in distinctive research strengths, and fulfilling the land grant mission.

*Ensuring Student Success* - The University has a culture of strong faculty mentorship and staff dedicated to student growth. The connection between health and well-being and academic achievement is promoted holistically. The University will continue to build on that legacy by making the success of its students and alumni a core measure in everything it does. The University will focus on ensuring that it offers a vibrant educational experience, that it remains affordable and accessible to a broad and diverse population, and that it provides support and meaningful opportunity well beyond graduation.

*Investing in Distinctive Research Strengths* - UVM has built distinctive research strengths that align with the urgent—and interdependent—need to support the health of our environment and our societies. Strategic investment of

available resources will accelerate and enhance these distinctive strengths, positioning the University as the preeminent institution for innovative and sustainability-focused solutions. Articulation of distinctive strengths will also grow corporate, philanthropic, foundation, and federal partnerships to enhance UVM's research portfolio, impact and recognition, and make enriching new opportunities available to faculty and students.

*Fulfilling the Land Grant Mission* - As one of the nation's first land grant institutions, the University's alignment with the state is fitting. The University is nationally acclaimed for helping Vermonters tackle everything from farm viability to complex environmental issues to business growth. The University supports commercialization and job creation initiatives in the state, and partnerships with large corporations enable the possibility of attracting satellite operations, jobs, and a talented workforce to the state. The University intends to create a more streamlined gateway for Vermonters to learn about and access the many resources the University offers. Efforts to set up that front door, inviting the community to engage more fully with the University, are underway.

The fiscal 2022 operating results demonstrate the success of the *Amplifying Our Impact* vision. The Financial Highlights will summarize how the University has increased student financial aid while maintaining level tuition and fees to bolster affordability and accessibility. The success of University scholars and faculty in securing external research funding is seen not only through additional revenues and research expenditures, but also in the University’s increased ranking on the Higher Education Research & Development Survey by the National Science Foundation. Finally, in fulfillment of the University’s land grant mission, the impact of collaborations like the one with the U.S. Department of Agriculture (USDA) Agricultural Research Service (ARS) to develop the Food Systems Research Center, will be seen throughout the University’s financial results.

**Financial Highlights**

**A. Revenues**

In the fall of 2022, the University enrolled 11,326 students in more than 100 undergraduate majors, 1,691 students in graduate and post-baccalaureate programs, and 483 students at the Larner College of Medicine. The University attracts undergraduates from over 40 states and many foreign countries. The University is primarily a regional institution, however, drawing 78% of the undergraduates enrolled in the fall of 2022 from New England and the Middle Atlantic States, including 16% of its undergraduate students from Vermont. Graduate and Certificate student enrollment from Vermont represented 39.9%.

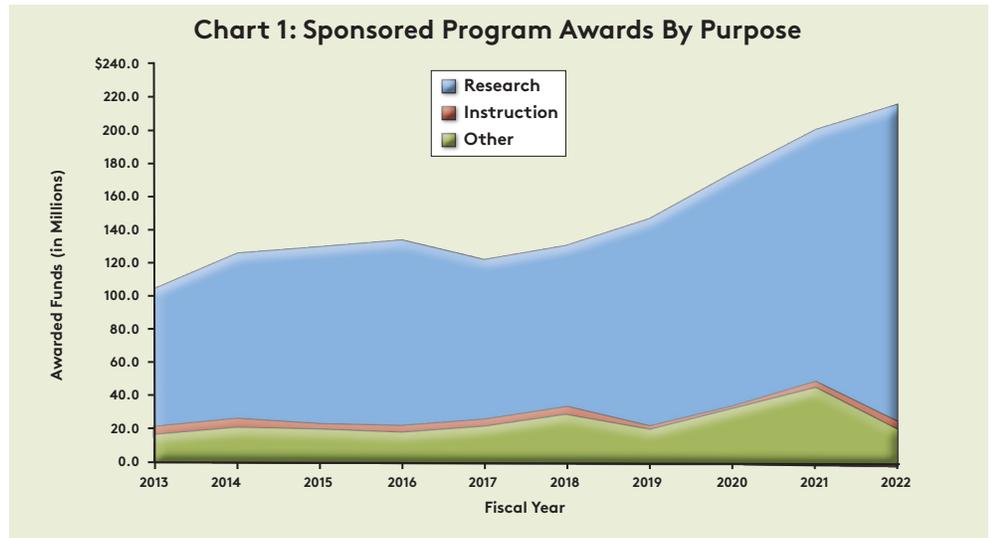


Chart 1 presents the activity of sponsored programs over the past decade.

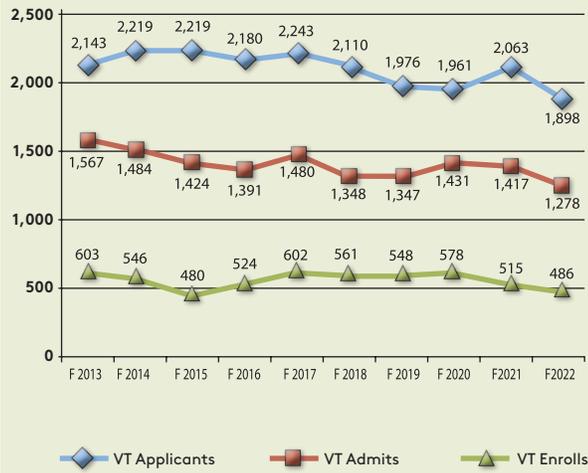
Final numbers for the fall of 2022 show total applications are the highest they have been in the past decade totaling over 30,400 applications. This represents an increase of 35.9% since 2013, with in-state applications decreasing 11.4% and out-of-state applications increasing 40.9% for the same period. Total admissions increased for that period by 4.1%, with in-state admissions decreasing 18.4% and out-of-state admissions increasing 6.4%. From fall 2013 through fall 2022, total first-time, first year enrollments have also seen record highs of 3,000 enrolls, increasing by 20.2%, with in-state enrollments decreasing by 19.4% and out-of-state enrollments increasing by 32.9%. Trends in applications, admits, and enrollments can be seen in Charts 2A and 2B.

The University and its Board of Trustees continues to contain increases in tuition and fees with the average annual increases for in-state and out-of-state held to 2.7% and 2.5%, respectively, from 2014 through 2022. Table 1 presents tuition and fees, as well as room and board for that period.

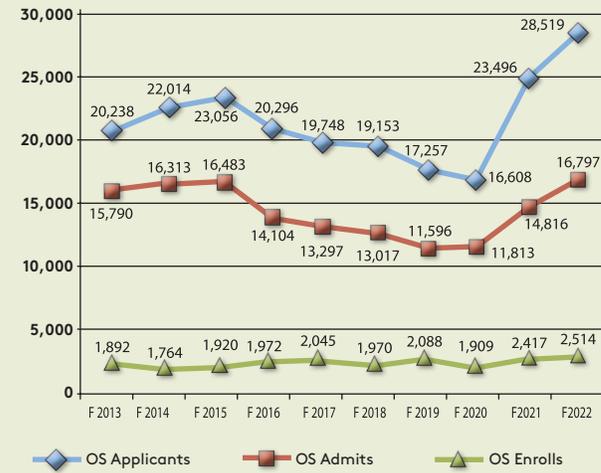
**Table 1: In-State and Out-of-State Tuition and Fees**

	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	Average Annual % Increase
<b>Student Tuition &amp; Fees</b>									
In-State Tuition & Fees	\$16,226	\$16,768	\$17,300	\$17,740	\$18,276	\$18,802	\$19,002	\$19,002	2.41%
Out-of-State Tuition & Fees	\$37,874	\$39,160	\$40,364	\$41,356	\$42,516	\$43,690	\$43,890	\$43,890	2.29%
Room (Double)	\$7,116	\$7,376	\$7,634	\$7,900	\$8,196	\$8,502	\$8,756	\$8,756	3.13%
Board (Average Meal Plan)	\$3,664	\$3,774	\$3,944	\$4,122	\$4,266	\$4,414	\$4,568	\$4,568	3.18%
<b>Total, In-State Cost</b>	<b>\$27,006</b>	<b>\$27,918</b>	<b>\$28,878</b>	<b>\$29,762</b>	<b>\$30,738</b>	<b>\$31,718</b>	<b>\$32,326</b>	<b>\$32,326</b>	<b>2.71%</b>
Increase Over Previous Year	3.39%	3.38%	3.44%	3.06%	3.28%	3.19%	1.92%	0.00%	
<b>Total, Out-of-State Cost</b>	<b>\$48,654</b>	<b>\$50,310</b>	<b>\$51,942</b>	<b>\$53,378</b>	<b>\$54,978</b>	<b>\$56,606</b>	<b>\$57,214</b>	<b>\$57,214</b>	<b>2.48%</b>
Increase Over Previous Year	3.41%	3.40%	3.24%	2.76%	3.00%	2.96%	1.07%	0.00%	

**Chart 2A: Trends in Vermont Applications, Admits, and Enrollments, Fall 2013 to Fall 2022**



**Chart 2B: Trends in Out-of-State Applications, Admits, and Enrollments, Fall 2013 to Fall 2022**



During fiscal 2022, President Garimella announced that tuition for fiscal 2023 would not increase over fiscal 2022 levels. This represents the fourth consecutive fiscal year with no tuition increase. Net tuition and fees revenues improved with additional undergraduate out-of-state enrollment and higher residential life occupancy. To continue the University’s effort to enhance the value of a UVM education, student financial aid was also increased.

The University has focused on enhancing other revenues including private philanthropy, improved retention of current students, increased graduate and summer enrollments, expansion of flexible and online course offerings geared to adults and non-traditional learners, enhancing graduate, post-doc and undergraduate research support through grants from the federal government and other sources and through partnerships with private industry; and supporting more students transferring to UVM from other colleges.

The University increased grant and contract revenues by \$8.4 million or 3.8% from \$222.6 million in fiscal 2021 to \$231.0 million in fiscal 2022. This growth is due, in part, to additional one-time funds from the Higher Education Emergency Relief Funds totaling \$3.2 million in fiscal 2022. Additional sponsored support for programs like the Sustainable Agriculture Research and Education (SARE) of \$2.7 million and the UVM Center on Rural Addiction of \$2.0 million also contributed to the increase. Included in the \$231.0 million is facility and administrative cost recoveries of \$36.8 million and additional commitment funds from University of Vermont Medical Center, Inc. of \$15.5 million.

During fiscal 2022, the University was awarded over \$214.1 million in sponsored funds, 84.7% of which were for research activities. Approximately 66% of sponsored funds awarded during fiscal 2022 were from direct federal sources. The University’s leading areas of externally sponsored programs are the biomedical sciences, agriculture, the environment, and education.

State appropriations in fiscal 2022 decreased \$24.3 million, or 33.4%, compared to fiscal 2021 and increased \$21.0 million, or 40.6%, in fiscal 2021 compared to fiscal 2020. The increase in fiscal 2021 was entirely due to a Federal appropriation passed-through from the State of Vermont to assist the University in covering expenses related to COVID-19. These funds were not made available to the University in fiscal 2022 but the University’s base State appropriation remained at the prior year’s level.

**B. Operating and Capital Expenditures**

The University’s operating expenses increased \$23.4 million or 3.5% from the 2021 level; and 2021 expenses decreased \$21.7 million or 3.1% over 2020. The fiscal 2022 increase is comprised of additional: compensation and benefit expense of \$0.7 million; supplies and services expenses of \$6.4 million; additional scholarships and fellowships of \$10.0 million; and depreciation of \$6.3 million. Compensation and benefit expenses increased due to scheduled wage increases. Supplies and services increased over fiscal 2021 levels primarily due to the commencement of business-related travel after COVID-19 restrictions were lifted.

The University utilized remaining federal aid dedicated to providing relief to students as the result of COVID-19 from the Higher Education Emergency Relief Funds, resulting in an increase of scholarship and fellowship expenses \$10.0 million, or 33.3%, in fiscal 2022 and \$2.6 million, or 9.6%, in fiscal 2021.

Finally, depreciation increased by \$6.3 million due to some large construction projects being placed into service this year. During fiscal 2022, construction continued on the Athletic Complex and the Firestone Medical Research Building. This year, funding was secured to renovate the Hills Building to develop the Food Systems Research Center. The center, a collaboration between UVM and the USDA’s Agricultural Research Service, will focus its work on understanding all facets of the regional food system. The total project costs are estimated at over \$30 million.

**Chart 3: Fiscal 2022 Total Revenues**

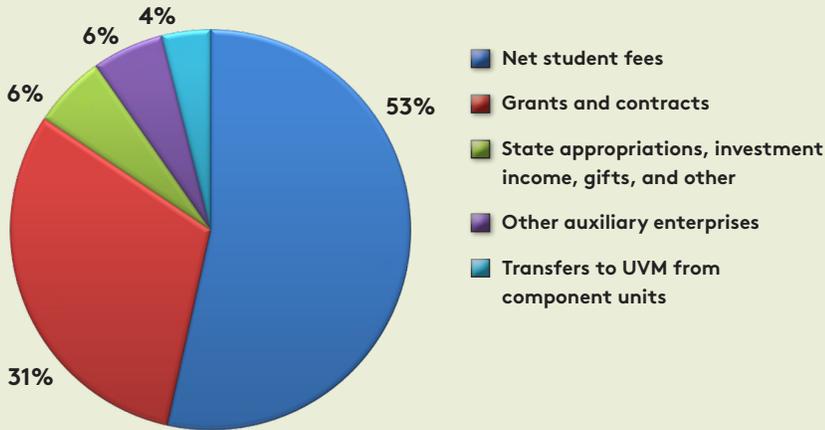


Chart 3 shows the University’s fiscal 2022 revenue streams. Given the University’s mission of instruction, research, and public service, the vast majority of the University’s revenues are generated by net student fees (53%) and grants and contracts (31%).

**Chart 4: Three-Year Revenue Stream Trends**  
(\$ in thousands)

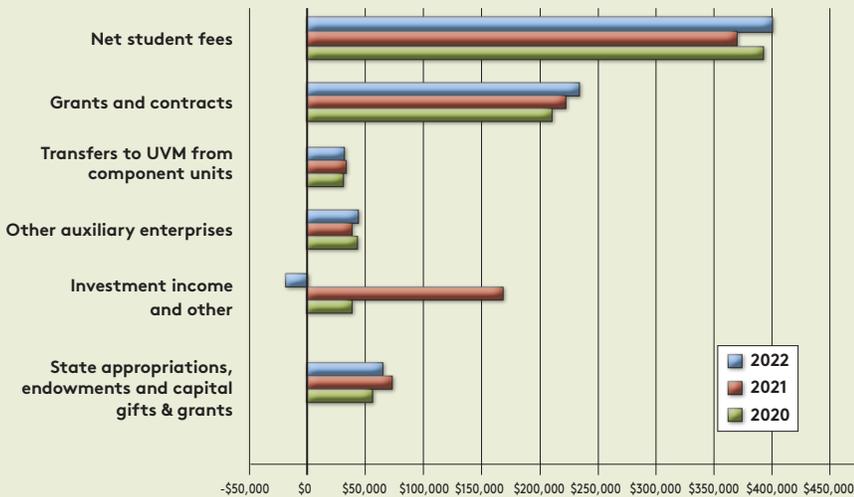


Chart 4 shows the three-year trend for revenue streams. Net student fees are comprised of tuition and fees, residential life fees, and student financial aid. State appropriations leveled in fiscal 2022 to normal levels after the State of Vermont assisted the University in covering expenses related to COVID-19 in fiscal 2021 with additional appropriations of \$21.0 million. Investment income decreased \$186.1 million in fiscal 2022 due to market fluctuations.

**Overview of the Financial Statements**

The financial statements of the University of Vermont and State Agricultural College (the “University”) have been prepared in accordance with U.S. generally accepted accounting principles as prescribed by the Governmental Accounting Standards Board (GASB). The financial statement presentation consists of comparable Statements of Net Position, Statements of Revenues, Expenses, and Changes in Net Position, Statements of Cash Flows and accompanying notes for the June 30, 2022 and 2021 fiscal years. These statements provide information on the financial position of the University and the financial activity and results of its operations during the years presented. The financial statements focus on the University as a whole, rather than upon individual funds or activities.

University Medical Associates, Inc. (UMEA) and University of Vermont Foundation, Inc. (UVMF) are legally separate tax-exempt, discretely presented component units of the University of Vermont and issue separate audited financial statements. UMEA and UVMF are presented as separate columns on the University’s Statements of Net Position and Statements of Revenues, Expenses and Changes in Net Position.

**A. Statements of Net Position**

The Statements of Net Position, Table 2, depicts all the University’s assets, liabilities, and deferred inflows/outflows of resources on June 30th each year, along with the resulting net financial position. An increase in net position over time is a primary indicator of an institution’s financial health. Factors contributing to future financial health as reported on the Statements of Net Position include the value and liquidity of financial and capital investments, and balances of related obligations.

As shown in Table 2, cash and short-term investments have increased over the last three fiscal years including 2.1% in fiscal 2022 and 17.0% in fiscal 2021. Included in cash and short-term investments are operating investments totaling \$169.9 million, \$180.9 million, and \$154.7 million in fiscal 2022, 2021, and 2020, respectively. These operating investments are primarily invested in bonds but also include equity and shares of the University’s long-term endowment pool.

Endowment, capital, and similar investments have decreased in fiscal 2022, by \$49.1 million or 8.4%, having increased in 2021, by \$106.9 million or 22.4%. Included in this balance are endowment cash, cash equivalents and investments of \$461.9 million, \$497.7 million, and \$392.7 million in fiscal

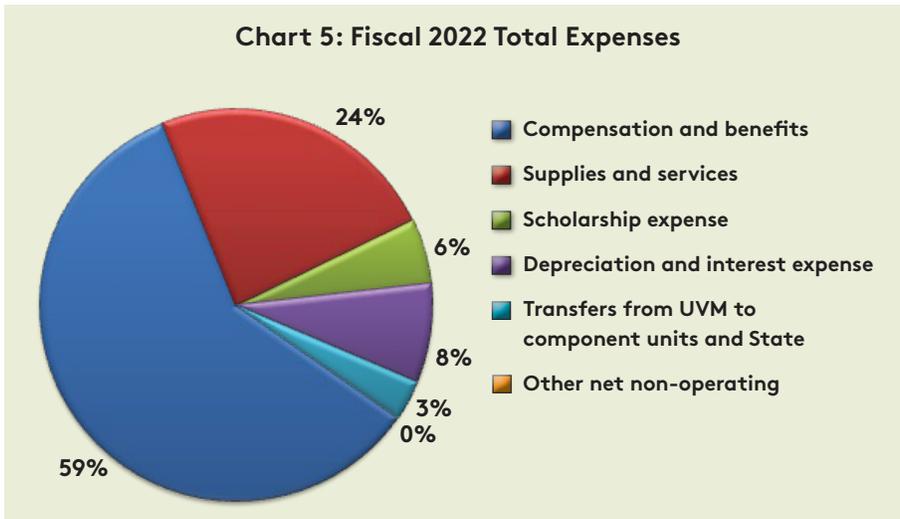


Chart 5 displays the University's fiscal 2022 expenses. The University's largest expense is compensation and benefits followed by supplies and services.

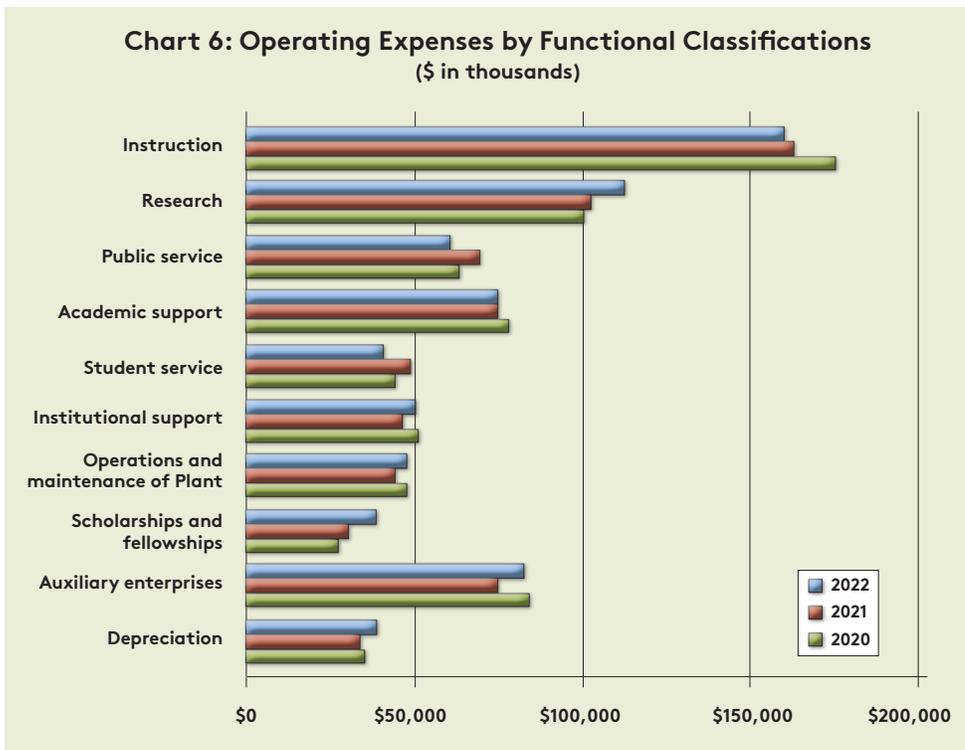


Chart 6 displays the University's operating expenses for the past three years by functional, rather than natural, classification. In fiscal 2022 the University's success in pursuit of research initiatives is evident in additional research expenditures. Scholarship and fellowships increased with the use of remaining federal aid dedicated to providing relief to students as the result of COVID-19 from the Higher Education Emergency Relief Funds.

2022, 2021, and 2020, respectively. The decrease of \$35.8 million or 7.2% in fiscal 2022 and increase of \$105.0 million or 26.7% in fiscal 2021 are primarily due to market performance. Deposits held by bond trustees are also included in this balance totaling \$617 thousand, \$11.7 million, and \$27.9 million in fiscal 2022, 2021, and 2020, respectively. The balances in fiscal 2022, 2021 and 2020 are due to unspent proceeds from the issuance of general obligation bonds.

Capital and right of use assets, net, saw increases of \$27.5 million or 3.9% in fiscal 2022 and \$10.7 million or 1.5% in fiscal 2021. Fiscal 2022 had capital asset additions of \$63.1 million. The increase to construction in progress is the primary driver where ongoing work for the Multipurpose Center, totaling \$19.8 million, the Firestone Medical Research Building, totaling \$21.5 million, and the Hills Building renovation, totaling \$2.6 million, were added. These additions were offset by depreciation expense of \$39.5 million.

Other assets and deferred outflows of resources includes accounts, loans, notes, and pledges receivable, inventories and prepaid expenses, and deferred outflows due to loss on refunding of debt and post-employment benefits. Fiscal 2022 saw a decrease from fiscal 2021 of \$12.6 million or 6.8% compared to an increase in fiscal 2021 from fiscal 2020 of \$29.9 million or 19.2%. The decrease in fiscal 2022 is mostly due to a decrease in post-employment benefits deferred outflows of \$26.4 million stemming from changes in actuarial assumptions offset by an increase of \$13.2 million in receivables.

Postemployment benefits, which represents the current and future liability and deferred inflows the University has to retirees and their dependents for medical, dental, life insurance, and tuition remission benefits, decreased \$33.9 million or 5.8% in fiscal 2022 and increased \$25.4 million or 4.6% in fiscal 2021. The decrease in fiscal 2022 is largely the result of assumption changes with the increase in 2021 primarily driven by a change in the discount rate to 2.12% from 2.74% from fiscal 2020.

**Table 2: Condensed information from Statements of Net Position**

at June 30, 2022, 2021 and 2020  
(\$ in thousands)

	<u>2022</u>	<u>2021</u>	<u>2020</u>
<b>Assets and deferred outflows of resources</b>			
Cash and short-term investments	\$ 407,744	\$ 399,233	\$ 341,164
Endowment, capital, and similar investments	533,868	582,986	476,118
Capital and right of use assets, net	741,588	714,084	703,342
Other assets and deferred outflows of resources	<u>173,119</u>	<u>185,691</u>	<u>155,801</u>
<b>Total assets and deferred outflows of resources</b>	<b><u>1,856,319</u></b>	<b><u>1,881,994</u></b>	<b><u>1,676,425</u></b>
<b>Liabilities and deferred inflows of resources</b>			
Postemployment benefits	547,457	581,323	555,882
Long-term debt	558,692	570,316	586,262
Other liabilities and deferred inflows of resources	<u>142,496</u>	<u>127,939</u>	<u>120,548</u>
<b>Total liabilities and deferred inflows of resources</b>	<b><u>1,248,645</u></b>	<b><u>1,279,578</u></b>	<b><u>1,262,692</u></b>
Net investment in capital assets	183,268	148,190	136,506
Restricted:			
Non-expendable	133,203	121,083	119,711
Expendable	397,697	438,873	336,050
Unrestricted	<u>(106,494)</u>	<u>(105,730)</u>	<u>(178,534)</u>
<b>Total net position</b>	<b><u>\$ 607,674</u></b>	<b><u>\$ 602,416</u></b>	<b><u>\$ 413,733</u></b>

Table 2 shows condensed information from the Statements of Net Position at June 30 for the past three years.

Long-term debt decreased \$11.6 million or 2.0% from fiscal 2021 due to debt service payments of \$16.3 million offset by new finance and operating leases of \$4.6 million. From fiscal 2020 to 2021 long-term debt decreased \$15.9 million or 2.7% primarily due to a new long-term note issued to refund General Obligation Bonds, offset by scheduled debt service payments.

Other liabilities and deferred inflows of resources increased from fiscal 2021 to fiscal 2022 by 11.4% or \$14.6 million from \$127.9 million to \$142.5 million. These balances consist of the University's accounts payable and current and non-current accrued liabilities including insurance reserves, compensated absences, obligations under deferred giving arrangements, and pledges payable. Unearned revenues, deposits and advance payments for tuition and grants & contracts are also included in this total. The decrease is primarily attributed to scheduled amortization under the service concession arrangement between the University and its food service program provider, Sodexo.

Net position is reported in four categories. The net investment in capital assets amount represents the historical cost of property and equipment reduced by total accumulated depreciation and the balance of related debt outstanding. Restricted expendable resources include balances of current and prior year gifts for specified purposes such as scholarships or academic programs, as well as spendable endowment gains. Restricted non-

expendable resources are endowment balances which are required to be invested in perpetuity by the original donors. Unrestricted financial resources represent net position that is available for any future use without legal restriction and is negative due to the recording of the post-employment benefit obligation.

#### **B. Statements of Revenues, Expenses, and Changes in Net Position**

Operating revenues are generally earned through the sale of goods and services. However, GASB reporting standards require that certain University recurring revenues be shown as nonoperating. This includes state appropriations, federal Pell grants, private gifts, net investment income, and transfers from University component units. These revenue streams are important sources of funds used to supplement tuition and fees revenue. Accordingly, we have grouped the operating and nonoperating revenues together in the condensed statements to allow readers to better understand which revenues support University operating expense streams.

Net student fees increased by 8.0% from \$369.8 million in fiscal 2021 to \$399.5 million in fiscal 2022. Embedded in the net student fees amount are three components including gross tuition and fees, gross residential life fees, and student financial aid. Gross tuition and fees increased by \$28.8 million or 6.5% from fiscal 2021 to fiscal 2022 and gross residential life fees

**Table 3: Condensed information from Statements of Revenues,  
Expenses, and Changes in Net Position**  
for the years ended June 30, 2022, 2021 and 2020  
(\$ in thousands)

	<u>2022</u>	<u>2021</u>	<u>2020</u>
Tuition and fees	\$ 547,458	\$ 503,715	\$ 515,725
Less student financial aid	<u>(147,917)</u>	<u>(133,889)</u>	<u>(124,283)</u>
Net student fees	<u>399,541</u>	<u>369,826</u>	<u>391,442</u>
Grants and contracts	230,954	222,645	210,213
State appropriations	48,415	72,685	51,710
Transfers to UVM from component units	29,274	30,254	28,900
Other auxiliary enterprises	43,365	39,920	42,309
Investment income/(loss) and other	<u>(15,403)</u>	<u>170,716</u>	<u>35,789</u>
<b>Total operating and non-operating revenues</b>	<b><u>736,146</u></b>	<b><u>906,046</u></b>	<b><u>760,363</u></b>
Compensation and benefits	(440,151)	(439,434)	(464,156)
Supplies and services	(178,652)	(172,301)	(171,354)
Scholarship expense	(39,935)	(29,954)	(27,329)
Depreciation and interest expense	(60,192)	(54,725)	(54,310)
Transfers from UVM to component units and State	<u>(24,126)</u>	<u>(22,144)</u>	<u>(22,598)</u>
<b>Total operating and non-operating expenses</b>	<b><u>(743,056)</u></b>	<b><u>(718,558)</u></b>	<b><u>(739,747)</u></b>
<b>Increase/(Decrease) in net position from recurring activities</b>	<b><u>(6,910)</u></b>	<b><u>187,488</u></b>	<b><u>20,616</u></b>
Capital and endowment appropriations, gifts and grants	11,005	1,240	3,689
Other net non-operating revenue/(expense)	<u>1,163</u>	<u>(45)</u>	<u>(332)</u>
<b>Total other changes in net position</b>	<b><u>12,168</u></b>	<b><u>1,195</u></b>	<b><u>3,357</u></b>
<b>Total increase in net position</b>	<b><u>\$ 5,258</u></b>	<b><u>\$ 188,683</u></b>	<b><u>\$ 23,973</u></b>

Table 3 shows condensed information from the Statements of Revenues, Expenses and Changes in Net Position for the past three years ended June 30.

increased \$14.9 million or 25.9%. The increase in gross tuition and fees is directly attributable to additional undergraduate, out-of-state enrollments. The increase in gross residential life fees is the result of more than 20% additional occupancy over 2021. Student financial aid increased from fiscal 2021 to fiscal 2022 by \$14.0 million or 10.5% demonstrating the effort to keep tuition affordable. A decrease in net student tuition and fees in fiscal 2021 of 5.5% included a 1.8% decrease in gross tuition and fees, a 6.1% decrease in gross residential life fees, and a 7.7% increase in student financial aid from fiscal 2020.

Total state appropriation revenue was \$48.4 million in fiscal 2022 and \$72.7 million in fiscal 2021. The decrease of \$24.3 million is due to one-time funding made available to the University in fiscal 2021 to help offset the costs of COVID-19.

Transfers to UVM from component units includes transfers from the University of Vermont Foundation and University Medical Education Associates. These transfers include reimbursement of expenses on gifts received by the University of Vermont Foundation on behalf of the University. There was a decrease of \$1.0 million from \$30.3 million in fiscal 2021 to \$29.3 million in fiscal 2022.

Other auxiliary enterprises revenues remained relatively stable at \$43.4 million, \$39.9 million, and \$42.3 million in fiscal 2022, 2021, and 2020, respectively. The increase in revenue in fiscal 2022 of \$3.5 million or 8.8% is due to improved sales at the University Bookstore.

Investment income/(loss) and other can be volatile due to the investment markets. There was a decrease of \$186.1 million or 109% in fiscal 2022 from fiscal 2021. The decrease can be attributed to a net investment loss of \$41.3 million in fiscal 2022 from a \$148.1 million net investment income in fiscal 2021. There was an increase in the net investment income in fiscal 2021 of \$138.0 million compared to fiscal 2020. In fiscal 2022, the decrease to net investment income is offset by increases in sales and services of educational activities and student loan interest and other operating revenues of \$3.1 million.

Compensation and benefits increased \$0.8 million or 0.2% from \$439.4 million in fiscal 2021 to \$440.2 million in fiscal 2022 due to scheduled wage increases offset by reduced expense related to the other post-employment benefits for fiscal 2022. The decrease of \$24.8 million or 5.3% from \$464.2 million in fiscal 2020 to \$439.4 million in fiscal 2021 is due to cost saving measures in response to COVID-19. The University also had reduced expense related to the other post-employment benefit liability in fiscal 2021.

Supplies and services expenses increased in fiscal 2022 from fiscal 2021 by \$6.4 million or 3.7% from \$172.3 million to \$178.7 million primarily driven by commencement of business-related travel after COVID-19 restrictions were lifted. Supplies and services expenses decreased slightly from fiscal 2020 to 2021 by \$0.9 million or 0.6% due to additional costs to support in-person operations, such as COVID-19 testing, offset by one-time cost saving measures.

Scholarship expense increased \$10.0 million, or 33.3%, in fiscal 2022 and \$2.6 million, or 9.6%, in fiscal 2021, with the use of remaining federal aid dedicated to providing relief to students as the result of COVID-19 from the Higher Education Emergency Relief Funds.

Transfers from UVM to component units and State of \$24.1 million, \$22.1 million, and \$22.6 million in fiscal 2022, 2021, and 2020, respectively, represents transfers to the University of Vermont Foundation to assist in its operations and contributions to the State of Vermont to support the Graduate Medical Education program.

Capital and endowment appropriations, gifts and grants represent capital gifts and grants, capital appropriations, and gifts to the University endowment. Fiscal 2022 had an increase of \$9.8 million from \$1.2 million in fiscal 2021 to \$11.0 million primarily from new gifts for endowment purposes of \$7.9 million. Fiscal 2021 had a decrease of \$2.5 million from \$3.7 million in fiscal 2020 to \$1.2 million.



## Statements of Net Position

as of June 30, 2022 and 2021

(dollars in thousands)

	2022	2021	Discretely Presented Component Units			
			UMEA 2022	UMEA 2021	UVMF 2022	UVMF 2021
<b>ASSETS</b>						
<b>Current assets:</b>						
Cash and cash equivalents	\$ 237,804	\$ 218,290	\$ 554	\$ 237	\$ 54,908	\$ 47,666
Operating investments	169,940	180,943	55,961	65,832	16,167	15,159
Accounts, loans, notes, and pledges receivable, net	47,039	45,329	609	910	5,345	61,397
Inventories and prepaid expenses	16,683	17,591	11	10	567	276
<b>Total current assets</b>	<b>471,466</b>	<b>462,153</b>	<b>57,135</b>	<b>66,989</b>	<b>76,987</b>	<b>124,498</b>
<b>Non-current assets:</b>						
Endowment cash, cash equivalents and investments	461,862	497,741	-	-	234,610	167,635
Student loans, notes, and pledges receivable, net	46,034	32,785	-	-	7,914	6,254
Investments for capital activities	63,022	63,934	-	-	132	6
Deposits with trustees	8,984	21,311	-	-	1,473	1,679
Capital and right of use assets, net	741,588	714,084	-	-	7,557	7,823
<b>Total non-current assets</b>	<b>1,321,490</b>	<b>1,329,855</b>	<b>-</b>	<b>-</b>	<b>251,686</b>	<b>183,397</b>
<b>Total Assets</b>	<b>1,792,956</b>	<b>1,792,008</b>	<b>57,135</b>	<b>66,989</b>	<b>328,673</b>	<b>307,895</b>
<b>DEFERRED OUTFLOWS OF RESOURCES</b>						
Loss on refunding of debt	5,261	5,513	-	-	-	-
Postemployment benefits	58,102	84,473	-	-	-	-
<b>Total Deferred Outflows of Resources</b>	<b>63,363</b>	<b>89,986</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>LIABILITIES</b>						
<b>Current liabilities:</b>						
Accounts payable and accrued liabilities	91,045	87,871	315	404	10,871	6,631
Unearned revenue, deposits, and funds held for others	15,726	16,321	41,621	47,681	1,823	41
Bonds and leases payable	16,827	15,140	-	-	-	-
<b>Total current liabilities</b>	<b>123,598</b>	<b>119,332</b>	<b>41,936</b>	<b>48,085</b>	<b>12,694</b>	<b>6,672</b>
<b>Non-current liabilities:</b>						
Accrued liabilities	15,216	19,048	-	-	-	-
Postemployment benefits	436,372	474,485	-	-	-	-
Bonds and leases payable	541,865	555,176	-	-	4,443	4,665
<b>Total non-current liabilities</b>	<b>993,453</b>	<b>1,048,709</b>	<b>-</b>	<b>-</b>	<b>4,443</b>	<b>4,665</b>
<b>Total Liabilities</b>	<b>1,117,051</b>	<b>1,168,041</b>	<b>41,936</b>	<b>48,085</b>	<b>17,137</b>	<b>11,337</b>
<b>DEFERRED INFLOWS OF RESOURCES</b>						
Right of use leases and service concession arrangement	16,468	1,076	-	-	-	-
Split-interest arrangements	4,041	3,623	-	-	-	-
Postemployment benefits	111,085	106,838	-	-	-	-
<b>Total Deferred Inflows of Resources</b>	<b>131,594</b>	<b>111,537</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>NET POSITION</b>						
Net investment in capital assets	183,268	148,190	-	-	3,115	3,158
Restricted:						
Non-Expendable	133,203	121,083	-	-	218,351	190,382
Expendable	397,697	438,873	11,428	13,662	77,209	89,295
Unrestricted	(106,494)	(105,730)	3,771	5,242	12,861	13,723
<b>Total Net Position</b>	<b>\$ 607,674</b>	<b>\$ 602,416</b>	<b>\$ 15,199</b>	<b>\$ 18,904</b>	<b>\$ 311,536</b>	<b>\$ 296,558</b>

*The accompanying notes are an integral part of the financial statements.*

## Statements of Revenues, Expenses and Changes in Net Position

for the years ended June 30, 2022 and 2021

(dollars in thousands)

Discretely Presented Component Units

	2022	2021	Discretely Presented Component Units			
			UMEA 2022	UMEA 2021	UVMF 2022	UVMF 2021
<b>Operating revenues</b>						
Tuition and fees	\$ 474,997	\$ 446,157	\$ -	\$ -	\$ -	\$ -
Residential life	72,461	57,558	-	-	-	-
Less scholarship allowances	(147,917)	(133,889)	-	-	-	-
Net student fees	399,541	369,826	-	-	-	-
Federal, state, and private grants and contracts	223,288	215,228	-	-	1,088	885
Sales and services of educational activities	7,452	6,110	-	-	-	-
Other auxiliary enterprises	43,365	39,920	-	-	-	-
Student loan interest and other operating revenues	17,634	15,918	176	173	185	94
<b>Total operating revenues</b>	<b>691,280</b>	<b>647,002</b>	<b>176</b>	<b>173</b>	<b>1,273</b>	<b>979</b>
<b>Operating expenses</b>						
Compensation and benefits	(440,151)	(439,434)	(240)	(238)	(9,158)	(8,498)
Supplies and services	(178,652)	(172,301)	-	-	(2,834)	(1,585)
Depreciation	(39,499)	(33,174)	-	-	(350)	(338)
Scholarships and fellowships	(39,935)	(29,954)	-	-	-	-
<b>Total operating expenses</b>	<b>(698,237)</b>	<b>(674,863)</b>	<b>(240)</b>	<b>(238)</b>	<b>(12,342)</b>	<b>(10,421)</b>
<b>Operating loss</b>	<b>(6,957)</b>	<b>(27,861)</b>	<b>(64)</b>	<b>(65)</b>	<b>(11,069)</b>	<b>(9,442)</b>
<b>Non-operating revenues/(expenses)</b>						
State appropriations	48,415	72,685	-	-	-	-
Federal Pell grants	7,666	7,417	-	-	-	-
Private gifts	847	606	423	448	28,032	20,642
Net investment income/(loss)	(41,336)	148,082	(3,238)	6,583	(13,278)	36,633
Interest on indebtedness	(20,693)	(21,551)	-	-	(54)	(53)
Gain/(loss) on disposal of capital assets	(548)	301	-	-	-	-
Net other non-operating revenue/(expense)	1,711	(346)	-	-	(380)	(306)
Intergovernmental transfers	(13,164)	(13,682)	-	-	-	-
Transfers from UVM to component units	(10,962)	(8,462)	-	-	10,538	8,048
Transfers to UVM from component units	29,274	30,254	(826)	(7,264)	(26,328)	(18,193)
<b>Net non-operating revenues/(expense)</b>	<b>1,210</b>	<b>215,304</b>	<b>(3,641)</b>	<b>(233)</b>	<b>(1,470)</b>	<b>46,771</b>
<b>Revenue/(loss) before capital and endowment additions</b>	<b>(5,747)</b>	<b>187,443</b>	<b>(3,705)</b>	<b>(298)</b>	<b>(12,539)</b>	<b>37,329</b>
State capital appropriations	1,500	1,000	-	-	-	-
Capital gifts and grants	1,576	192	-	-	-	-
Gifts for endowment purposes	7,929	48	-	-	27,517	72,265
<b>Total capital and endowment additions</b>	<b>11,005</b>	<b>1,240</b>	<b>-</b>	<b>-</b>	<b>27,517</b>	<b>72,265</b>
Increase/(decrease) in net position	5,258	188,683	(3,705)	(298)	14,978	109,594
Net position, beginning of year	602,416	413,733	18,904	19,202	296,558	186,964
<b>Net position, end of year</b>	<b>\$ 607,674</b>	<b>\$ 602,416</b>	<b>\$ 15,199</b>	<b>\$ 18,904</b>	<b>\$ 311,536</b>	<b>\$ 296,558</b>

*The accompanying notes are an integral part of the financial statements.*

**Statements of Cash Flows**  
for the years ended June 30, 2022 and 2021  
(dollars in thousands)

	2022	2021
<b>Cash Flows From Operating Activities</b>		
Tuition and fees (net of applicable scholarship allowances)	\$ 345,937	\$ 330,660
Grants and contracts	222,991	211,490
Sales and services of educational activities	7,452	6,110
Sales and services of auxiliary enterprises:		
Residential life fees, net of scholarship allowances	52,883	42,259
Other	43,365	39,920
Payments to employees and benefit providers	(445,085)	(443,795)
Payments to vendors	(179,019)	(163,509)
Payments for scholarships and fellowships	(39,935)	(29,954)
Other receipts, net	16,622	13,822
<b>Net cash provided by operating activities</b>	<b>25,211</b>	<b>7,003</b>
<b>Cash Flows From Non-Capital Financing Activities</b>		
State general appropriation	48,415	72,685
Federal Pell grants	7,666	7,417
Private gifts for other than capital purposes	9,741	2,123
Intergovernmental transfers	(13,164)	(13,682)
Transfers from UVM to component units	(10,962)	(7,080)
Transfers to UVM from component units	29,274	26,542
Deposits of affiliates and life income payments, net	(2,950)	17,740
<b>Net cash provided by non-capital financing activities</b>	<b>68,020</b>	<b>105,745</b>
<b>Cash Flows From Capital Financing Activities</b>		
Proceeds from issuance of capital debt	-	13,635
State capital appropriation	1,500	1,000
Capital grants, gifts and other income	3,193	192
Purchases and construction of capital assets	(64,832)	(43,134)
Proceeds from disposal of capital assets	95	84
Principal paid on capital debt	(11,732)	(29,581)
Interest paid on capital debt	(20,849)	(21,788)
Changes in deposits with trustees, net	11,096	-
<b>Net cash used in capital financing activities</b>	<b>(81,529)</b>	<b>(79,592)</b>
<b>Cash Flows From Investing Activities</b>		
Proceeds from sales and maturities of investments	237,363	236,321
Purchase of investments	(216,639)	(225,526)
Interest and dividends on investments, net	570	(266)
<b>Net cash provided by investing activities</b>	<b>21,294</b>	<b>10,529</b>
<b>Net increase in cash and cash equivalents</b>	<b>32,996</b>	<b>43,685</b>
Cash and cash equivalents - beginning of year	236,392	192,707
Cash and cash equivalents - end of year*	<b>\$ 269,388</b>	<b>\$ 236,392</b>
<b>Reconciliation of Operating Loss To Cash Provided by Operating Activities</b>		
Operating loss	\$ (6,957)	\$ (27,861)
Adjustments to reconcile operating loss to net cash provided by Operating Activities:		
Depreciation expense	39,499	33,174
Changes in assets and liabilities:		
Accounts receivable and loan receivable, net	641	(3,030)
Inventories and prepaid expense	909	(357)
Accounts payable	(2,307)	(50)
Unearned revenue, deposits and accrued liabilities	(6,574)	5,127
<b>Net cash provided by operating activities</b>	<b>\$ 25,211</b>	<b>\$ 7,003</b>

*\* of total cash and cash equivalents for 2022, \$237,804 is current and \$31,584 is non-current endowment and for 2021, \$218,290 is current and \$18,102 is non-current endowment.*

*The accompanying notes are an integral part of the financial statements.*

## Notes to Financial Statements

### For the Years Ended June 30, 2022 and 2021

(dollars in thousands)

#### A. Summary of Significant Accounting Policies and Presentation

The University of Vermont and State Agricultural College is a public, non-profit, comprehensive research institution of higher education with an enrollment of approximately 13,500 undergraduate, graduate, medical, and non-degree students. It is located in Burlington, Vermont with satellite instructional and research buildings throughout the State.

The University of Vermont and State Agricultural College is a land-grant institution and a component unit of the State of Vermont. The University receives an annual appropriation from the State. The Board of Trustees has 25 members including 9 legislative, 9 self-perpetuating, 3 gubernatorial, and 2 students; the Governor and President of the University serve as ex-officio members during their terms in office.

The University has received a letter from the Internal Revenue Service recognizing the University as an organization that is described in Internal Revenue Code Section 501(c)(3) and generally exempt from income taxes pursuant to Section 501(a) of the Internal Revenue Code.

#### 1. Affiliated Organizations & Related Parties

University Medical Education Associates, Inc. (UMEA) is a legally separate component unit of the University of Vermont. UMEA is an organization described in Internal Revenue Code Section 501(c)(3) and is generally exempt from income taxes pursuant to Section 501(a) of the Code. UMEA is governed by a minimum nine-member board; five members are named as a result of their positions at the University of Vermont and the remaining are elected by the other members. UMEA's purpose is to support the operations, activities and objectives of the Robert Larner, M.D. College of Medicine of the University of Vermont. UMEA is a public non-profit organization that reports under Financial Accounting Standards Board (FASB) standards. UMEA's fiscal year ends on June 30. UMEA issues separate audited financial statements, which may be obtained by contacting the Dean's Office, Robert Larner, M.D. College of Medicine. UMEA is discretely presented on the University's Statements of Net Position and Statements of Revenues, Expenses, and Changes in Net Position.

The University of Vermont and State Agricultural College Foundation, Inc. (UVMF) was incorporated as a Vermont nonprofit corporation on March 14, 2011 and is a legally separate entity from the University of Vermont. On January 1, 2012, UVMF officially assumed all fundraising responsibilities of the Office of Development and Alumni Relations at the University. UVMF is an organization described in Internal Revenue Code Section 501(c)(3) and is generally exempt from income taxes pursuant to Section 501(a) of the Code. UVMF exists to secure and manage private gifts for the sole benefit of the University and has been recognized by the University as the primary and preferred recipient for charitable gifts to or for the benefit of the University. UVMF is governed by a board of directors composed of not less than 15 or more than 29 members, including ex officio directors. The President of the

University, the Chair of the Board of Trustees of the University, the President of the UVM Alumni Association, the Chair of the UVM Medical Center Foundation, and the UVMF President/CEO are ex officio directors of UVMF. UVMF reports under FASB standards, has a fiscal year end date of June 30, and issues separate audited financial statements, which may be obtained at the UVMF's website [www.uvmfoundation.org](http://www.uvmfoundation.org). UVMF is discretely presented on the University's Statements of Net Position and Statements of Revenues, Expenses, and Changes in Net Position. The associated assets and liabilities, including endowment cash and investments, are analogous to an internal investment pool and are not reflected within the University's Statement of Net Position as they are reflected in the discretely presented column from the UVMF.

The University has an affiliation with the University of Vermont Medical Center, Inc., University of Vermont Medical Group, Inc., and the University of Vermont Health Network, Inc. through an updated Affiliation Agreement signed in June 2014. The Affiliation Agreement is for a period of five years and has been extended an additional three years. The Agreement is to guide and govern the parties in the achievement of their common goals, including, but not limited to, providing high-quality clinical education for undergraduate and graduate students enrolled in UVM medical and health care related academic programs and health care professionals enrolled in continuing education programs. The Agreement sets forth principles and protocols designed to assist the University and the University of Vermont Medical Center (UVMCMC) in coordinating efforts and allocating their resources. UVMCMC agrees to pay a portion of salary, benefits, and related expenses incurred by the University to physician-faculty and staff who are also employed by UVMCMC. In addition, UVMCMC agrees to pay base payments that help maintain medical facilities owned and managed by the University and the Dana Medical Library. UVMCMC agrees to pay a portion of the UVM Medical Group Net Patient Revenues, referred to as the Dean's Tax, to the Robert Larner, M.D. College of Medicine for purposes that promote and are consistent with the common goals of both parties.

Under the University's conflict of interest policies, all business and financial relationships, including with trustees and employees, are subject to review and approval by the Board. Disclosures about the University's related party transactions, including those affiliates, are described in this footnote to the financial statements.

#### 2. Basis of Accounting

The accompanying financial statements have been prepared using the economic resources measurement focus and the accrual basis of accounting in accordance with U.S. generally accepted accounting principles as defined for public colleges and universities by the Governmental Accounting Standards Board (GASB).

Net position is categorized as follows:

- **Net investment in capital assets:** Capital assets, net of accumulated depreciation and outstanding principal balances of debt attributable to the acquisition, construction or improvement of those assets. Such assets include the University's physical plant.
- **Restricted:**
  - **Non-Expendable** - Net position subject to externally imposed

(dollars in thousands)

stipulations that they be maintained permanently by the University. This category includes the corpus of the University's true endowment funds.

**Expendable** - Net position whose use by the University is subject to externally imposed stipulations that can be fulfilled by actions of the University to meet those stipulations or that expire through the passage of time. This category includes restricted gifts, grants, contracts and endowment appreciation.

- **Unrestricted:** Net position not subject to externally imposed stipulations. Unrestricted net position may be designated for specific purposes by action of management, the Board of Trustees or may otherwise be limited by contractual agreements with outside parties.

The University's policy for defining operating activities as reported on the Statements of Revenues, Expenses, and Changes in Net Position are those that generally result from exchange transactions such as payments received for providing services and payments made for services or goods received. Non-exchange transactions such as gifts, investment income, state appropriations and interest on indebtedness are reported as non-operating revenues and expenses.

When both restricted and unrestricted net position are available and appropriate to fund an expense, the University's practice is to allow the budget manager to determine which to use in each instance.

The preparation of financial statements in accordance with U.S. generally accepted accounting principles requires management to make estimates and assumptions that affect reported amounts and disclosures. Actual results could differ from those estimates. The most significant areas that require management estimates relate to valuation of certain investments, the valuation of the postemployment benefit obligation, allowances on accounts and loans receivable, depreciation, and certain accruals.

Effective for the fiscal year ended June 30, 2022, the University adopted GASB Statement No. 87, *Leases*. The statement supersedes GASB Statement No. 62 and establishes new requirements for calculating and reporting the University's lease activities. The adoption of Statement No. 87 has been reflected as of July 1, 2021, with right of use assets and receivables totaling \$20.9 million offset with corresponding operating lease liabilities and deferred inflows of \$20.9 million. There was no impact to beginning net position at July 1, 2021.

### 3. Fair Value Measurement

That fair value framework provides a hierarchy that prioritizes the inputs to valuation techniques used for measuring fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy are described as follows:

**Level 1** – Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active or inactive markets that the

University has the ability to access.

**Level 2** – Inputs to valuation methodology include:

- Quoted prices for similar assets or liabilities in inactive markets;
- Quoted prices for identical or similar assets or liabilities in inactive markets;
- Inputs other than quoted prices that are observable for the asset or liability;
- Inputs that are derived principally from or corroborated by observable market data by correlation or other means.

**Level 3** – Inputs to the valuation methodology are unobservable and significant to the fair value measurement. Unobservable inputs reflect the University's own assumptions about the inputs market participants would use in pricing the asset or liability (including assumption of risk). Unobservable inputs are developed based on the best information available in circumstances and may include the University's own data.

Certain investments are measured at net asset value (NAV) as a practical expedient to estimate the fair value as determined by the fund manager. Investments reported at NAV consist of shares or units in commingled funds and private partnerships as opposed to direct interests in the funds' underlying securities, which may be readily marketable and not difficult to value. NAV measured investments are not categorized in the fair value hierarchy table.

Investments in certain funds contain lock-up provisions. Under such provisions, share classes of the investment are available for redemption at various times in accordance with the management agreement of the fund.

### 4. Government Appropriations and Grants

Revenues associated with grants and contracts are generally recognized when related costs are incurred or when milestones are achieved. Federal, state and private grants and contracts revenue for 2022 and 2021 consists of:

<b>Grants and Contracts</b>	<b>FY22</b>	<b>FY21</b>
Federal appropriations, grants and contracts	\$ 158,113	\$ 144,631
State grants and contracts	5,908	5,970
Other governmental & private grants and contracts	59,267	64,627
<b>TOTAL</b>	<b>\$ 223,288</b>	<b>\$ 215,228</b>

State appropriations (general fund and capital) are reported as non-operating revenue. Grants awarded for capital improvements are reported as other revenues.

The University has recorded reimbursement of indirect costs relating to government contracts and grants at a predetermined rate. The reimbursement of indirect costs included in grant revenue is \$36.8 million in 2022 and \$34.3 million in 2021.

Federal appropriations, grants and contracts include *Higher Education*

*(dollars in thousands)*

*Emergency Relief Fund* assistance dedicated to COVID-19 relief through the duration of the pandemic of \$18.8 million in 2022 and \$16.4 million in 2021.

Private grants and contracts include funding of \$15.5 million in 2022 and \$15.9 million in 2021 to the Robert Larner, M.D. College of Medicine from the University of Vermont Medical Center, Inc. to offset facilities and operation costs.

### 5. Gifts

Gifts are recorded at their fair value and reported as non-operating revenue.

Promises to donate to the University are recorded as receivables and revenues when the University has met all applicable eligibility and time requirements. Since the University cannot fulfill the requirement to invest in perpetuity for gifts to endowments until the gift is received, pledges to endowments are not recognized until received.

### 6. Deposits and Unearned Revenue

Deposits and advance payments for the following academic year are unearned and recorded as revenues when earned. Summer session revenues are unearned to the extent that they relate to courses scheduled in July and August. Deposits and advance payments unearned revenue at June 30, 2022, and 2021, is \$9,339 and \$10,327, respectively.

The University records unearned revenue for cash received in excess of expenditures on grants and contracts. Grants and contracts unearned revenue at June 30, 2022, and 2021, is \$4,308 and \$3,934, respectively.

### 7. Employee Benefits

The University provides health and dental insurance to retired employees hired prior to 2012, and their families during their lives and life insurance until age 70. Employees hired on or after January 1, 2012 will continue to receive dental insurance and life insurance upon retirement. The health insurance benefit for these employees hired after January 1, 2012 has been replaced with a defined contribution Retiree Health Savings Plan (RHSP). UVM makes regular tax-free contributions to the RHSP for benefits-eligible faculty and staff. Earnings that accumulate in the RHSP grow tax free. Retirees will be able to access the savings in the RHSP to pay for eligible healthcare expenses upon retirement.

The total cost for active and retired employees for health, dental and life insurance, net of employee contributions, was \$66,415 in 2022 and \$68,120 in 2021. The total cost for contributions to the RHSP was \$800 in 2022 and \$1,102 in 2021. See note K for further information about postemployment benefits.

### 8. Compensated Absences

The University accrues amounts for compensated absences (principally vacation allowances) as earned. They are included in the current portion of

accrued liabilities.

As of June 30, 2022, \$24,266 (\$23,349 in 2021) was accrued for vacation pay of which \$17,903 (\$17,232 in 2021) was charged to unrestricted net position and \$6,363 (\$6,117 in 2021) was included in deferred charges to be recovered from restricted expendable net position when paid.

### 9. Collections and Works of Art

The University maintains collections of inexhaustible assets, including works of art; historical artifacts; biological, geological, archaeological and ethnographic materials; and literature. While management believes the collections are quite valuable and irreplaceable, the University has not placed a dollar value on these assets. It is the University's policy to hold these assets for public exhibit, education and research rather than for financial gain and to protect, care for and maintain such assets in perpetuity. Accordingly, the collections are not capitalized for financial statement purposes.

(dollars in thousands)

### B. Accounts, Loans, Notes, and Pledges Receivable

Accounts, loans, notes and pledges receivable at June 30, 2022 and 2021 are summarized as follows:

Accounts, Loans, Notes and Pledges Receivable, Net	June 30, 2022	June 30, 2021
<b>Current</b>		
Federal, state, and private grants receivable	\$ 19,519	\$ 22,120
Student and trade accounts receivable, net	9,497	10,227
Other accounts receivable	16,239	11,193
Student loans receivable, net	1,784	1,789
<b>Total Current</b>	<b>\$ 47,039</b>	<b>\$ 45,329</b>
<b>Non-Current</b>		
Student loans receivable, net	\$ 20,159	\$ 20,091
Lease receivable	14,900	-
Other notes receivable	7,141	8,312
Pledges receivable, net	3,834	4,382
<b>Total Non-Current</b>	<b>\$ 46,034</b>	<b>\$ 32,785</b>

Other accounts receivable includes the present value of expected future cash flows for lease agreements between the University and third parties, where the University serves as lessor. The current receivable balance includes \$1,145 in 2022 from leases. The long-term balance from these arrangements are reported as a non-current lease receivable totaling \$14,900 in 2022. The lease receivables are netted with a deferred inflow of resources totaling \$15,614 in 2022.

The student accounts receivable are carried net of an allowance for doubtful accounts of \$334 in 2022 and \$301 in 2021.

Student loans receivable are carried net of an allowance for uncollectible UVM loans. The balances at June 30, 2022 and 2021 were \$254 and \$274, respectfully. The University does not record an allowance for uncollectible federal student loans since they can be assigned to the government if certain conditions stipulated by the federal government are met.

The University's liability for the federal capital contribution to the Perkins, Health Professions, Primary Care, and Nursing Student loan programs is \$2,850 for 2022 and \$3,530 for 2021. These amounts are included in non-current accrued liabilities.

Collections and disbursements of pass through student loans such as Federal Direct Loans, Federal Plus Loans, and Vermont Student Assistance Corporation's Green Mountain Loans are reported on a net basis in the Statements of Cash Flows.

Accounts receivable from the UVMF and UMEA are \$10,281 in 2022 and \$6,242 in 2021 and presented in accounts, loans, notes and pledges receivable, net on the Statements of Net Position.

### C. Accounts Payable and Current Accrued Liabilities

Accounts payable and current accrued liabilities at June 30, 2022 and 2021 are summarized below:

Accounts Payable and Current Accrued Liabilities	June 30, 2022	June 30, 2021
Interest	\$ 5,712	\$ 5,856
Construction retainage	4,098	1,642
Compensated absences	24,266	23,349
Insurance reserves	20,047	20,621
Compensation and benefits	6,758	7,070
Other	14,182	11,043
Accounts and pledges payable	15,982	18,290
<b>TOTAL</b>	<b>\$ 91,045</b>	<b>\$ 87,871</b>

### D. Capital and Right of Use Assets

Capital assets are stated at acquisition cost or, in the case of gifts, at the fair value at the date of donation.

Depreciation is calculated using the straight-line method over the estimated economic useful lives of the related assets. Certain research buildings are classified into the following components: 1) building (basic construction components/shell) with an estimated useful life of 40 years; 2) building service systems (plumbing, electrical, etc.) with an estimated useful life of 25 years; 3) interiors/renovations with an estimated useful life of 20 years and 4) fixed equipment with an estimated useful life of 15 years.

Other buildings are depreciated over a useful life of 40 years, land improvements are depreciated over a useful life of 20 years, fixed equipment is depreciated over a useful life of 15 years, and moveable equipment is depreciated over a useful life of 5 years. Software systems are depreciated over a useful life of 7 years. Major construction projects are capitalized but are not depreciated until they are put into service.

Depreciation expense for building and components including fixed equipment for fiscal year 2022 is \$29,918 (\$29,551 in 2021). Moveable equipment, software systems, and land improvements depreciation expense is \$8,424 for 2022 (\$3,623 in 2021). Right of use asset amortization expense totaled \$1,157 in 2022.

Land and construction in progress are the only non-depreciable capital assets.

The University is a lessee for various non-cancellable leases of primarily land and buildings. For leases with a maximum possible term of 12 months or less at commencement, the University recognized expense based on the provisions of the lease contract. For leases greater than 12 months, the University recognizes a lease liability (footnote E) and an intangible right of use lease asset. The lease asset is initially measured as the initial amount of the lease liability, less lease payments made at or before the lease commencement date, plus any initial direct costs ancillary to placing the

*(dollars in thousands)*

underlying asset into service, less any lease incentives received at or before the lease commencement date. Subsequently, the lease asset is amortized into amortization expense on a straight-line basis over the shorter of the lease term or the useful life of the underlying asset. The lease liability is measured as the present value of lease payments over the lease term discounted using an incremental borrowing rate. The value of an option to terminate or extend the lease is reflected to the extent it is reasonably certain management will exercise the option. The University monitors changes in circumstances that may require remeasurement of a lease arrangement. When certain changes occur that are expected to significantly affect the amount of the lease liability, the liability is remeasured and a corresponding adjustment is made to the lease asset.

The University's net capital and right of use asset activity for the years ended June 30, 2022, and 2021 is summarized as follows:

<b>Fiscal Year 2022</b>	<b>Balance as of June 30, 2021</b>	<b>Additions</b>	<b>Retirements</b>	<b>Reclass/ Changes</b>	<b>Balance as of June 30, 2022</b>
Capital Assets:					
Land	\$ 29,044	\$ -	\$ (471)	\$ (7,946)	\$ 20,627
Land improvements	11,738	468	-	7,946	20,152
Buildings	776,059	2,616	(257)	20,596	799,014
Building service systems	165,977	7,540	-	-	173,517
Building interiors	88,358	349	-	46	88,753
Fixed equipment	106,727	1,013	-	-	107,740
Moveable equipment	27,088	4,003	(1,303)	172	29,960
Software systems	31,891	-	-	-	31,891
Construction in progress	67,958	47,134	-	(20,814)	94,278
Total capital assets	1,304,840	63,123	(2,031)	-	1,365,932
Less: accumulated depreciation	(590,756)	(38,342)	1,388	-	(627,710)
Capital assets, net	714,084	24,781	(643)	-	738,222
Right of use assets	-	4,523	-	-	4,523
Less: accumulated amortization	-	(1,157)	-	-	(1,157)
Right of use assets, net	-	3,366	-	-	3,366
<b>Total capital and right of use assets, net</b>	<b>\$ 714,084</b>	<b>\$ 28,147</b>	<b>\$ (643)</b>	<b>\$ -</b>	<b>\$ 741,588</b>

*(dollars in thousands)*

Fiscal Year 2021	Balance as of June 30, 2020	Additions	Retirements	Reclass/ Changes	Balance as of June 30, 2021
Capital Assets:					
Land	\$ 29,044	\$ -	\$ -	\$ -	\$ 29,044
Land improvements	11,084	654	-	-	11,738
Buildings	768,099	4,129	(484)	4,315	776,059
Building service systems	160,978	3,508	-	1,491	165,977
Building interiors	85,731	781	-	1,846	88,358
Fixed equipment	117,582	218	(11,443)	370	106,727
Moveable equipment	39,079	1,028	(13,975)	956	27,088
Software systems	31,660	231	-	-	31,891
Construction in progress	43,417	33,519	-	(8,978)	67,958
Total capital assets	1,286,674	44,068	(25,902)	-	1,304,840
Less: accumulated depreciation	(583,332)	(33,174)	25,750	-	(590,756)
<b>Total capital assets, net</b>	<b>\$ 703,342</b>	<b>\$ 10,894</b>	<b>\$ (152)</b>	<b>\$ -</b>	<b>\$ 714,084</b>

Key estimates and judgments include how the University determines the discount rate it uses to calculate the present value of the expected lease payments, the lease term, and the lease payments. The University generally uses its estimated incremental borrowing rate as the discount rate for leases unless the rate that the lessor charges is known. The University's incremental borrowing rate was determined from available debt instruments that carried similar dollar value and time periods to the lease portfolio.

The lease term includes the noncancellable period of the lease plus any periods covered by either a University or lessor unilateral option to extend for which it is reasonably certain to be exercised, or terminate for which it is reasonably certain to be exercised. Periods in which both the University and the lessor have an option to terminate are excluded from the lease term.

*(dollars in thousands)*

### E. Long-Term Debt

Debt obligations are generally callable by the University and bear interest at fixed rates ranging from 1.60% to 6.43%. The debt obligations mature at various dates through 2050.

Long term debt activity for the years ended June 30, 2022 and 2021 is summarized as follows:

<b>Fiscal Year 2022</b>				<b>Ending Balance</b>	
<b>Bonds, Notes and Leases Payable</b>	<b>Beginning Balance</b>	<b>New Debt</b>	<b>Payments</b>	<b>Current</b>	<b>Non-Current</b>
General obligation bonds					
Series 2010A	\$ 9,000	\$ -	\$ -	\$ -	\$ 9,000
Series 2012A (1)	46,637	-	(13)	(13)	46,663
Series 2014A (2)	65,608	-	2,176	2,271	61,161
Series 2015 (3)	187,879	-	2,884	3,014	181,981
Series 2016 (4)	70,031	-	2,613	2,729	64,689
Series 2017 (5)	59,906	-	2,584	2,698	54,624
Series 2019A (6)	45,338	-	872	903	43,563
Series 2019B (7)	72,239	-	2,290	2,381	67,568
Series 2021 (note payable)	13,635	-	1,690	1,630	10,315
Finance lease liability	43	108	59	21	71
Operating lease liability	-	4,522	1,099	1,193	2,230
<b>TOTAL</b>	<b>\$ 570,316</b>	<b>\$ 4,630</b>	<b>\$ 16,254</b>	<b>\$ 16,827</b>	<b>\$ 541,865</b>

(1) This balance shown net of bond discount of \$210.

(2) This balance shown net of bond premium of \$4,673.

(3) This balance shown net of bond premium of \$7,560.

(4) This balance shown net of bond premium of \$9,107.

(5) This balance shown net of bond premium of \$8,143.

(6) This balance shown net of bond premium of \$7,420.

(7) This balance shown net of bond premium of \$13,534.

<b>Fiscal Year 2021</b>				<b>Ending Balance</b>	
<b>Bonds, Notes and Leases Payable</b>	<b>Beginning Balance</b>	<b>New Debt</b>	<b>Payments</b>	<b>Current</b>	<b>Non-Current</b>
General obligation bonds					
Series 2010A	\$ 9,000	\$ -	\$ -	\$ -	\$ 9,000
Series 2010B	15,142	-	15,142	-	-
Series 2012A (1)	46,625	-	(12)	(13)	46,650
Series 2014A (2)	67,694	-	2,086	2,176	63,432
Series 2015 (3)	190,636	-	2,757	2,884	184,995
Series 2016 (4)	73,284	-	3,253	2,614	67,417
Series 2017 (5)	63,114	-	3,208	2,583	57,323
Series 2019A (6)	46,187	-	849	873	44,465
Series 2019B (7)	74,440	-	2,201	2,290	69,949
Series 2021 (note payable)	-	13,635	-	1,690	11,945
Finance lease liability	140	-	97	43	-
<b>TOTAL</b>	<b>\$ 586,262</b>	<b>\$ 13,635</b>	<b>\$ 29,581</b>	<b>\$ 15,140</b>	<b>\$ 555,176</b>

(1) This balance shown net of bond discount of \$223.

(2) This balance shown net of bond premium of \$4,984.

(3) This balance shown net of bond premium of \$7,888.

(4) This balance shown net of bond premium of \$9,536.

(5) This balance shown net of bond premium of \$8,526.

(6) This balance shown net of bond premium of \$7,703.

(7) This balance shown net of bond premium of \$14,049.

(dollars in thousands)

In compliance with the University's various bond indentures, at June 30, 2022 the University has deposits with trustees of \$617 (\$11,714 in 2021) for debt service reserves, sinking funds, and other requirements. Deposits with trustees are invested in obligations of the U.S. Government as required by the University's bond indentures.

The principal and interest due on bonds, notes and financing leases over the next five years and in subsequent five-year periods are presented in the table below:

For the Fiscal Year Ending June 30	Principal Due	Interest Due	Total Due
2023	\$ 13,396	\$ 22,497	\$ 35,893
2024	14,021	21,868	35,889
2025	14,687	21,208	35,895
2026	15,382	20,514	35,896
2027	16,096	19,786	35,882
2028-2032	94,330	86,596	180,926
2033-2037	116,595	63,725	180,320
2038-2042	136,505	34,970	171,475
2043-2047	76,025	8,100	84,125
2048-2050	8,005	596	8,601
<b>TOTAL</b>	<b>\$ 505,042</b>	<b>\$ 299,860</b>	<b>\$ 804,902</b>

Lease payments are evaluated by the University to determine if they should be included in the measurement of the operating lease liability. Outstanding commitments for operating leases are expected to be paid over the lease term. At June 30, 2022, the average operating lease term is approximately 10 years, with the farthest lease end date in 2027.

Variable and short-term lease payments are excluded from the measurement of the lease liability. Such amounts are recognized as lease expense in the period in which the obligation for those payments are incurred. The amounts recognized as outflows (expense) for variable and short-term lease payments not included in the measurement of the lease liabilities were \$3,710 and \$4,347 in 2022 and 2021, respectively.

### F. Cash and Cash Equivalents and Operating Investments

The University's cash management policy provides parameters for investment of the University's pooled cash. The University classifies resources invested in money market funds and short-term investments with maturities at date of purchase of 90 days or less as cash equivalents. Operating funds invested in instruments with maturities beyond 90 days are classified as operating investments. The cash management policy establishes three pools for investment: short, intermediate and long term. Allowable investments in the short-term pool and intermediate term pool are restricted to U.S. Treasury and government agency securities, money markets, high quality corporate and asset-backed securities, and commercial and bank paper, whereas the intermediate term pool may have maturities up to six years. Investments shall be in marketable securities of the following types and with the noted credit ratings:

1. Debt securities rated Aaa, Aa, A or Baa by Moody's Investor's Service, Inc. or AAA, AA, A or BBB by Standard & Poor's Corporation.
2. Obligations of, or guaranteed by, the United States of America, its agencies or instrumentalities.
3. Obligations of, or guaranteed by, national or state banks or bank holding companies rated BB or better. No more than 20% of the funds held in the cash pool shall be invested in debt obligations of institutions within any single holding company.
4. Asset-backed securities rated Aaa by Moody's Investor's Service, Inc. or AAA by Standard & Poor's Corporation.
5. Commercial paper rated A-1 or higher by Standard and Poor's or Prime-1 (P1) by Moody's Investor's Service, Inc.
6. Bankers' acceptances or negotiable certificates of deposit issued by banks rated BB or better. No more than 20% of the funds held in the cash pool shall be invested in certificates of deposit, bankers' acceptances or floating rate notes of the institutions within any single holding company.
7. Repurchase agreements of banks having Fitch ratings no lower than BB secured by the U.S. government and federal agency obligations with market values of at least 100% of the amount of the repurchase agreement.
8. Commingled funds may be used if they are in compliance with the above guidelines.

Investment of the long-term pool shall be restricted to those that are allowable under the University's Statement of Objectives and Policies for the Endowment Fund and that meet the overall objective of achieving consistent long-term growth of the pool with limited exposure to risk.

Current and non-current cash and cash equivalents is summarized below:

Cash and Cash Equivalents	June 30, 2022	June 30, 2021
Current	\$ 237,804	\$ 218,290
Endowment	31,584	18,102
<b>TOTAL</b>	<b>\$ 269,388</b>	<b>\$ 236,392</b>

Current and non-current cash and cash equivalents are comprised of the following:

Cash and Cash Equivalents	June 30, 2022	June 30, 2021
Cash	\$ 166,681	\$ 136,052
Money Markets	102,707	100,340
<b>TOTAL</b>	<b>\$ 269,388</b>	<b>\$ 236,392</b>

*(dollars in thousands)*

The balance of cash held in bank deposit accounts was \$166,681 at June 30, 2022 and \$136,052 at June 30, 2021. Of these bank balances, \$647 in 2022 and \$658 in 2021 were covered by the Federal Depository Insurance Corporation. The University had a third-party custodian agreement with Bank of New York Mellon, through People's United, of \$72,934. The University also has an irrevocable standby letter of credit of \$225,000 at June 30, 2022 and \$185,000 at June 30, 2021 through the Federal Home Loan Bank of Pittsburgh as collateral for the University's primary depository account and money market account that the University has never drawn on. The University has had a revolving line of credit of \$50,000 with TD Bank that has not been used. The maturity date is March 31, 2023.

Total operating investments of \$169,940 at June 30, 2022 and \$180,943 at June 30, 2021 were primarily made through commingled funds as described in footnote G.

### G. Investments

Investments are reported in three categories in the Statements of Net Position. Investments reported as non-current assets include endowment, annuity, and life income funds. Investments for capital activities reported as non-current assets are replacement reserves designated for capital renovations. All other investments are reported as operating investments. A summary of investments is below:

Investments	June 30, 2022	June 30, 2021
Operating investments	\$ 169,940	\$ 180,943
Endowment investments	461,862	497,741
Investments for capital activities	63,022	63,934
<b>TOTAL</b>	<b>\$ 694,824</b>	<b>\$ 742,618</b>

Deposits with trustees include \$7,229 in 2022 and \$8,416 in 2021 of assets held under deferred giving arrangements, \$1,138 in 2022 and \$1,181 in 2021 of investments in the waste disposal fund required by the EPA, and \$617 in 2022 and \$11,714 in 2021 of investments held by bond trustees.

The University records its purchases and sales of investments on a trade date basis.

The assets or liabilities level within the hierarchy is based on the lowest level of input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

The determination of what constitutes observable requires judgement by the University's management. University management considers observable data to be that market data, which is readily available, regularly distributed or updated, reliable, and verifiable, not proprietary, and provided by multiple independent sources that are actively involved in the relevant market.

The categorization of an investment within the hierarchy is based upon the relative observability of the inputs to its fair value measurement and does not necessarily correspond to University management's perceived risk of that investment.

These valuations may produce a fair value that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the University believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

Because of the inherent uncertainty of valuations, the estimated values as determined by the appropriate manager or general partners may differ significantly from the values that would have been used had a ready market for the investments existed, and the differences could be material.

*(dollars in thousands)*

Investments measured at fair value or net asset value for the years ended June 30, 2022 and 2021 are summarized as follows:

<b>Fiscal Year 2022</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>NAV</b>	<b>Total Investments</b>
<b>Investments:</b>					
Public global equity	\$ 272,042	\$ -	\$ -	\$ 85,095	\$ 357,137
Marketable alternatives	-	-	-	94,650	94,650
Private investments	-	-	-	194,874	194,874
Fixed income/debt	51,515	148,219	-	14,690	214,424
Other	550	-	690	-	1,240
Cash and cash equivalents	31,584	-	-	-	31,584
Subtotal investments	<u>\$ 355,691</u>	<u>\$ 148,219</u>	<u>\$ 690</u>	<u>\$ 389,309</u>	<u>\$ 893,909</u>
Less UVM Foundation					\$ (199,085)
<b>Total Investments</b>					<b><u>\$ 694,824</u></b>
<b>Deposits with Trustees at Fair Value:</b>					
Beneficial interests in trusts	\$ -	\$ -	\$ 3,319	\$ -	\$ 3,319
Public global equity	28	-	-	-	28
Fixed income/debt	348	4,356	-	-	4,704
Cash and cash equivalents	933	-	-	-	933
<b>Total Deposits With Trustees</b>	<b><u>\$ 1,309</u></b>	<b><u>\$ 4,356</u></b>	<b><u>\$ 3,319</u></b>	<b><u>\$ -</u></b>	<b><u>\$ 8,984</u></b>

(dollars in thousands)

Fiscal Year 2021	Level 1	Level 2	Level 3	NAV	Total Investments
<b>Investments:</b>					
Public global equity	\$ 333,505	\$ -	\$ -	\$ 64,343	\$ 397,848
Marketable alternatives	-	-	-	90,716	90,716
Private investments	-	-	-	156,258	156,258
Public real assets	-	-	-	2,951	2,951
Fixed income/debt	42,679	156,414	-	16,680	215,773
Other	460	-	772	-	1,232
Cash and cash equivalents	18,102	-	-	-	18,102
Subtotal investments	<u>\$ 394,746</u>	<u>\$ 156,414</u>	<u>\$ 772</u>	<u>\$ 330,948</u>	<u>\$ 882,880</u>
Less UVM Foundation					<u>\$ (140,262)</u>
<b>Total Investments</b>					<b><u>\$ 742,618</u></b>
<b>Deposits With Trustees at Fair Value:</b>					
Beneficial interests in trusts	\$ -	\$ -	\$ 3,733	\$ -	\$ 3,733
Public global equity	32	-	-	-	32
Fixed income/debt	306	5,281	-	-	5,587
Cash and cash equivalents	11,959	-	-	-	11,959
<b>Total Deposits With Trustees</b>	<u>\$ 12,297</u>	<u>\$ 5,281</u>	<u>\$ 3,733</u>	<u>\$ -</u>	<u>\$ 21,311</u>

Investment liquidity for the years ended June 30, 2022 and 2021 is summarized as follows:

Fiscal Year 2022	Daily	Monthly	Quarterly	Semi-Annual	Annual	Illiquid	Total	Redemption Notice Period
<b>Investments:</b>								
Public global equity	\$ 193,467	\$ 143,999	\$ 19,671	\$ -	\$ -	\$ -	\$ 357,137	1-90 days
Marketable alternatives	16,990	8,599	37,268	11,445	12,429	7,919	94,650	1-90 days
Private investments	-	-	-	-	-	194,874	194,874	Illiquid
Fixed income/debt	199,734	14,690	-	-	-	-	214,424	1-30 days
Other	550	-	-	-	-	690	1,240	Same day, Illiquid
Cash and cash equivalents	31,584	-	-	-	-	-	31,584	Same day
Subtotal investments	<u>\$ 442,325</u>	<u>\$ 167,288</u>	<u>\$ 56,939</u>	<u>\$ 11,445</u>	<u>\$ 12,429</u>	<u>\$ 203,483</u>	<u>\$ 893,909</u>	
Less UVM Foundation							<u>\$ (199,085)</u>	
<b>Total Investments</b>							<b><u>\$ 694,824</u></b>	

Fiscal Year 2021	Daily	Monthly	Quarterly	Semi-Annual	Annual	Illiquid	Total	Redemption Notice Period
<b>Investments:</b>								
Public global equity	\$ 201,415	\$ 169,195	\$ 27,238	\$ -	\$ -	\$ -	\$ 397,848	1-90 days
Marketable alternatives	14,109	7,342	37,799	12,360	13,306	5,800	90,716	1-90 days
Private investments	-	-	-	-	-	156,258	156,258	Illiquid
Public real assets	-	-	-	-	-	2,951	2,951	Illiquid
Fixed income/debt	199,093	16,680	-	-	-	-	215,773	1-30 days
Other	460	-	-	-	-	772	1,232	Same day, Illiquid
Cash and cash equivalents	16,311	-	1,791	-	-	-	18,102	Same day
Subtotal investments	<u>\$ 431,388</u>	<u>\$ 193,217</u>	<u>\$ 66,828</u>	<u>\$ 12,360</u>	<u>\$ 13,306</u>	<u>\$ 165,781</u>	<u>\$ 882,880</u>	
Less UVM Foundation							<u>\$ (140,262)</u>	
<b>Total Investments</b>							<b><u>\$ 742,618</u></b>	

*(dollars in thousands)*

The following is a description of the investment categories:

**Public Global Equity** – Investments are with managers who have a geographic focus, either the U.S., Developed ex U.S. Markets, or Emerging Markets. The program provides the portfolio exposure to common equities across the globe. The University has investments in commingled vehicles, mutual funds, and separate accounts.

**Marketable Alternatives** – This asset class includes hedge fund managers with the intention of reducing total portfolio volatility and providing diversification. The investments are in the following categories: multi-strategy, distressed securities, global macro, open mandate, and long/short equity in global markets.

**Private Investments** - This asset class includes investments focusing on interests in private companies including buyout funds, secondary markets,

and distressed debt as well as investments focusing on non-publicly traded interests in start-up entities.

**Public Real Assets** – This asset class includes investments focusing on publicly traded securities of natural resources affiliated companies and private real estate funds invested in various segments of the real estate market, including office, industrial, multi-family, and retail. The allocation also includes partnerships targeting natural resources. Many of the private real asset investments are made via lock-up funds and are thus illiquid.

**Fixed Income/Debt** – Investments consisting of U.S. Treasuries, corporate, and high yield bonds. The allocation is liquid and designed to protect the portfolio in deflationary periods.

**Other Investments** – This asset class includes insurance policies where the University is named as the beneficiary.

The fixed income/debt portfolio is composed of passive and active bond funds. The following shows the risk profiles at June 30, 2022 and 2021:

Fixed Income Debt	Amount	Average Maturity/ Effective Duration	Govt/Agency	Credit Quality %				
				AAA	AA	A	BBB	<BBB
2022	\$ 214,424	2.9 /2.7	29	3	13	38	10	7
2021	\$ 215,773	2.9/2.9	13	24	6	41	8	8

Investment income is recorded as revenue when earned. Net investment income is reported as non-operating revenue and includes income net of investment fees and the change in the fair value of investments as well as losses on impaired investments. The calculation of realized gains (losses) is independent of the calculation of the net increase in the fair value of marketable investments. Net investment income consists of:

Net Investment Income	FY22	FY21
Net interest, dividend, and other income	\$ 858	\$ 3,986
Realized gains	63,426	55,864
Unrealized gains/(losses)	(104,135)	89,842
Investment management fees	(1,485)	(1,610)
<b>TOTAL</b>	<b>\$ (41,336)</b>	<b>\$ 148,082</b>

*(dollars in thousands)*

## H. Endowment and Other Long-Term Funds

The University's investment policies are governed and authorized by the University Board of Trustees. The Board of Trustees Investment Subcommittee has established a formal policy for investment of the endowment and other long term funds with an objective to provide a stable and consistent level of ongoing support for the University's programs through a reasoned spending policy that is also consistent with preserving and enhancing the real purchasing power of the fund over time. The primary long-term investment goal is to attain a real total return that exceeds the amount being distributed for spending and administration, currently set at 5.50%. Other important investment objectives are to achieve annualized returns in excess of the strategic policy portfolio blended benchmark, measured over a full market cycle; and to outperform the median return of a pool of endowment funds of similar size with broadly similar investment objectives and policies.

The endowment in aggregate (which comprises the consolidated endowment and other separately invested assets), long term capital and operating reserves, and UVM Foundation assets are invested in a balanced portfolio consisting of traditional equities (domestic and international) and fixed income/debt; marketable alternatives (hedge funds); private investments (venture capital and private equity); and a diversified portfolio of public real assets (real estate and commodities). The consolidated endowment's asset allocation target and actual percentages at June 30 are presented in the following tables:

Unaudited	June 30, 2022	
	Target %	Actual %
Public global equity	45.0	48.5
Marketable alternatives	10.0	11.3
Private investments	35.0	26.8
Fixed income/debt	8.0	9.1
Cash & cash equivalents	2.0	4.3
	June 30, 2021	
	Target %	Actual %
Public global equity	45.0	55.5
Marketable alternatives	10.0	10.9
Private investments	35.0	22.6
Fixed income/debt	8.0	8.4
Cash & cash equivalents	2.0	2.6

The majority of endowment fund assets are pooled for investment purposes. Each individual fund subscribes to or disposes of units on the basis of the value per unit at fair value at the beginning of the month within which the transaction takes place. Income is distributed on a per unit basis. Of the total units (each having a fair value of \$69.04), 5,225.5937 units were owned by endowment funds and 5,304.5281 units by quasi endowment funds at June 30, 2022 (\$76.62, 4,841.1382 and 4,354.7341 respectively, at June 30, 2021).

The University of Vermont Foundation (UVMF) participates in the UVM pooled endowment. The UVMF owned 2,883.7550 units with a market value of \$199,085 as of June 30, 2022 and 1,830.7242 units with a market value of \$140,262 as of June 30, 2021.

The Uniform Prudent Management of Institutional Funds Act (UPMIFA) requires the institution define an overall prudent approach both to distribution of funds for spending and long-term preservation and growth of capital. The University policy allows distributions from endowments that are temporarily underwater in accordance with the statute. The Investment Subcommittee of the Board of Trustees reviews the income distribution rate annually.

The table below summarizes changes in relationships between cost and fair values of the pooled endowment:

	Fair Value	Cost	Net Change
June 30, 2022	\$ 726,964	\$ 611,026	\$ 115,938
June 30, 2021	704,546	477,167	227,379
Unrealized net gain/(loss)			(111,441)
New gifts and transfers			92,568
Realized net gain			62,233
Net loss			(1,727)
Withdrawn for spending			(19,215)
<b>Total Net Change</b>			<b>\$ 22,418</b>
	Fair Value	Cost	Net Change
June 30, 2021	\$ 704,546	\$ 477,167	\$ 227,379
June 30, 2020	538,147	425,817	112,330
Unrealized net gain/(Loss)			115,049
New gifts and transfers			14,838
Realized net gain			54,894
Net loss			(598)
Withdrawn for spending			(17,784)
<b>Total Net Change</b>			<b>\$ 166,399</b>

## I. Commitments

Major plant projects include commitments as follows:

Unaudited Project	Estimated Project Cost	Project-to-Date Expenditures 2022	Project-to-Date Expenditures 2021
Firestone Medical			
Research Building	\$ 49,000	\$ 39,605	\$ 17,970
Multipurpose Center	95,000	63,050	43,065
Hills Building	32,000	2,717	

Obligations under lease agreements are detailed in note E.

*(dollars in thousands)*

The University is obligated under certain of its investments to make future capital contributions in the amount of \$75,841 as of June 30, 2022.

The University entered into agreements with the State of Vermont Department of Vermont Health Access in both 2022 and 2021, to make payments to support the Graduate Medical Education (GME) program. The GME program helps ensure access to quality and essential professional health services for Medicaid beneficiaries through the care provided by teaching physicians and teaching hospitals. The University uses general fund state appropriation dollars to fund the GME payments through an inter-governmental transfer to the State. GME payments totaling \$13,164 and \$13,682 were made in 2022 and 2021, respectively, and are recorded on the Statements of Revenues, Expenses, and Changes in Net Position under Intergovernmental transfers in the Non-operating revenues and expenses section. For 2023, based on the four-year agreement entered into on June 24, 2021, the University will make quarterly payments to the State of Vermont Department of Vermont Health Access totaling \$13,205.

The University is exposed to various risks of loss related to torts; theft of, damage to and destruction of assets; errors and omissions; injuries to employees; and natural disasters and business interruption. The University manages these risks through a combination of self-insurance and commercial insurance purchased in the name of the University. The University's annual self-insured obligation for general liability is \$500 per occurrence and \$25 per occurrence for automobile liability. Its assumption of risk for property losses is \$250 per occurrence. Educator's legal liability risks are subject to a \$300 per loss retention. Worker's compensation is subject to a \$650 per occurrence retention. None of these lines of coverage have an annual self-insured aggregate or stop-gap. Settled claims resulting from these risks have not exceeded commercial insurance coverage in any of the past three fiscal years.

The University is a member of a Vermont captive, Pinnacle Consortium of Higher Education. The captive covers two insurance lines, general liability and automobile liability. All members are required to participate in the captive general liability program which provides \$3,000 excess limit and the group purchase liability program that provides a \$22,000 excess limit. The University has purchased an additional \$75,000 from the commercial liability insurance market to bring the total excess limit to \$100,000.

The University follows the policy of self-insuring risks up to certain limits. At year end, the University had open claims valued at \$2,344 in 2022 and \$3,301 in 2021; \$31 and \$500 of this is covered by excess insurance in 2022 and 2021, respectively. The University paid claims of \$2,531 in 2022 and \$2,698 in 2021. Reserves for property and casualty liabilities are included in accrued liabilities (including incurred but not reported) in the amount of \$20,047 at June 30, 2022 and \$20,621 at June 30, 2021.

In conducting its activities, the University from time to time is the subject of various claims and has claims against others. The ultimate resolution of such claims is not expected to have a material adverse or favorable effect on the financial position, operating performance or cash flows of the University.

Four groups of University employees are represented by collective bargaining units. The University participates in contract negotiations with these groups periodically.

The University receives significant financial assistance from federal and state agencies in the form of grants and contracts. Expenditures of funds under these programs require compliance with the grant agreements and are subject to audit. Any disallowed expenditures resulting from such audits become a liability of the University. In the opinion of management such adjustments, if any, are not expected to materially affect the financial condition, operating performance or cash flows of the University.

## J. Retirement Plans

Faculty, staff and post-doctoral employees at the University of Vermont may participate in the University's 403(b) defined contribution plan and a 457(b) deferred compensation plan provided the following criteria are met:

- faculty and staff in 9-, 10-, 11-, or 12-month appointments must have a full-time equivalency of .75 or greater. These individuals may become eligible for UVM contributions;
- faculty, staff and post-doctoral employees with a 12-month appointment must have a full-time equivalency of .50 to .75 to be eligible to make contributions to UVM's 403(b) and 457(b) plans. These individuals are not eligible for UVM contributions;
- post-doctoral employees must have a full-time equivalency of .50 or greater to be eligible to make contributions to UVM's 403(b) and 457(b) plans. These individuals are not eligible for UVM contributions;
- non-represented staff, Staff United and United Electrical staff must be employed three years before they qualify for University contributions to their retirement plan, or, to waive this waiting period, they must have a vested interest in the retirement plan of their previous nonprofit employer;
- staff represented by the Teamsters Union are eligible for the 10% UVM contribution after the successful completion of their probationary period;
- non tenure-track faculty and faculty under the rank of assistant professor must wait two years to qualify for University contributions to their retirement plan, or, to waive this waiting period, they must have a vested interest in the retirement plan of their previous nonprofit employer;
- officers of administration or tenure track faculty at the level of assistant professor or above receive University contributions to their retirement plan immediately upon enrolling in the plan.

To obtain University contributions, faculty members and officers of administration must contribute 3% of their salary, and staff must contribute 2%. The University's contribution to the retirement fund of qualified faculty and staff is 10% of salary and this amount is immediately vested.

The University also offers a 457(b) deferred compensation plan. Faculty and staff can participate provided they are participating in the 403(b) plan. The University makes no contributions to this plan.

*(dollars in thousands)*

The University's 403(b) and 457(b) contributory retirement plans are administered by the Teachers Insurance Annuity Association of America (TIAA), the College Retirement Equities Fund (CREF), and Fidelity Investments.

Since both faculty and staff are immediately vested in all retirement contributions made on their behalf, the University has no control of, responsibility for, or ownership of retirement funds, except that employees may not withdraw employer funds contributed to either their 403(b) or 457(b) plan while employed at the University. Retirement funds may be transferred among the investment alternatives at the discretion of the employee.

Upon leaving the University, employees may remain in the UVM plan but may no longer make contributions, withdraw funds from their accounts, or transfer the funds to other investment alternatives subject to the limitations of 403(b) and/or 457(b) regulations and the contractual provisions of their investment alternative.

For the years ended June 30, 2022 and 2021, the University had total payroll expense of \$314,069 and \$305,129, respectively, of which \$228,143 in 2022 and \$228,652 in 2021 was covered by the University's 403(b) retirement plan. Total employee and employer contributions for 403(b) pension benefits for the year were \$19,684 and \$22,814, respectively, for 2022 and \$19,496 and \$22,865, respectively, for 2021. The University's contribution for 403(b) pension benefits is 10% of the covered payroll. Total employee contributions to the 457(b) retirement plan were \$6,186 in fiscal year 2022 and \$6,143 in fiscal year 2021.

## K. Postemployment Benefits Other Than Pensions (OPEB)

The University accounts for its postemployment benefit plan in accordance with GASB Statement 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*. GASB Statement 75 prescribes a methodology which requires the employer to recognize a total OPEB liability on the Statements of Net Position. Changes in the total OPEB liability will immediately be recognized as OPEB expense on the Statements of Revenues, Expenses, and Changes in Net Position or reported as deferred outflows or deferred inflows of resources depending on the nature of the changes.

### 1. Plan Description

The University's OPEB plan covers medical, (base) dental, life insurance, and tuition remission benefits provided to eligible University retirees and their dependents. The plan was established under the authority of and may be amended by the University. It is a single employer defined benefit OPEB plan administered by the University. No assets are accumulated in a trust that meets the criteria in paragraph 4 of GASB Statement 75.

Plan provisions include two levels of eligibility based on whether the employee was at least 65 years of age at June 30, 2014:

1) Pre-65 retirees that met the retirement benefit eligibility criteria that were in place at the time of his or her hire date, and retired on or before June 30, 2014, will receive the post-retirement medical benefit and premium

contributions will remain unchanged. For employees hired before January 1, 2012, if the employee met the retirement eligibility criteria that were in place at the time of his or her hire date, and did not retire on or before June 30, 2014, then he or she is eligible for the benefit but his or her share of the premium contribution will change based on the employee's salary at the date of retirement. If, by June 30, 2014, the employee has not met the eligibility criteria that were in place at the time of his or her hire date, then he or she will be eligible to enroll in the pre-65 post-retirement medical benefit plan, but will be responsible for 100% of the premium unless the employee has at least fifteen years of service in which case, at the age of 62, the employee will be eligible for the pre-retirement medical benefit and will pay 50% of the premium for Non-United Academic employees, and 60% of the premium for United Academic employees. Employees hired on or after January 1, 2012 will be able to participate in the post-retirement medical plan, but they will be responsible for 100% of the premium.

2) Post-65 retirees that met the retirement benefit eligibility criteria that were in place at the time of his or her hire date, and retired on or before June 30, 2014, will receive the post-retirement medical benefit and premium contributions will remain unchanged. Employees hired before January 1, 2012 who do not retire by June 30, 2014 will be eligible for the post-65 benefit when they reach the age of 65 and have 15 years of service, but the premium will change based on the employee's salary at the date of retirement. Employees hired on or after January 1, 2012 will be able to participate in the post-retirement medical plan, but they will be responsible for 100% of the premium.

Employees who retired under the Voluntary Separation Plan of 1992 or before are not required to contribute to the plan, however, a surviving spouse receives two (2) years of medical and base dental coverage without charge, after which dental terminates (the surviving spouse would be eligible for 36 months of COBRA) and medical coverage is available at 50% of the cost of providing coverage. Retirees under the Voluntary Separation Plan of 2000 pay for their medical benefits based on the contribution system in effect prior to June 30, 2000 (based on 0.5% times 75% of the average final three years' base salary). Retirees hired after June 30, 1992 have the same salary band contribution percentages as active employees, which is based on 75% of their average final three years' base salary. Retirees hired after June 30, 1992 and before July 1, 1997 are required to contribute as above plus a percentage based on the sum of their age at retirement and their years of continuous full-time service. This surcharge is based on a scale that ranges from 65 to 75 and over. A retirement benefit structure was announced in December 2011, affecting employees retiring on or after June 30, 2015. Consideration is given to age and years of service, with employee participation in medical benefit coverage and the costs associated with that coverage.

(dollars in thousands)

At the valuation date of January 1, 2021, the following employees were covered by the benefit terms:

Inactive employees or beneficiaries	
currently receiving benefits	1,848
Active employees	4,016
<b>TOTAL</b>	<b>5,864</b>

## 2. Total OPEB Liability

The University's total OPEB liability of \$436,472 in 2022 and \$474,485 in 2021 was determined by an actuarial valuation as of January 1, 2021, and then projected forward to the measurement date of December 31, 2021 and December 31, 2020, respectively.

The total OPEB liability as of the December 31, 2021 measurement date was determined using the following actuarial assumptions and other inputs, applied to all periods included in the measurement, unless otherwise specified:

Inflation	2.30%
Salary Increases	3.00%
Discount Rate	2.06%

The following percentages have been assumed for election of coverage by future eligible retirees:

Medical and Rx	90%
Dental	95%
Life Insurance	95%
	50% for disabled retirees

Assumed health care cost trend rates vary by benefit type as follows:

<b>Benefit</b>	<b>Initial Rate</b>	<b>Ultimate Rate</b>	<b>Year Ultimate Rate is Reached</b>
VHP Pre-Medicare	5.9%	3.7%	2074
J Carve-Out Medicare	0.0%	3.7%	2074
MediComp III Medicare	0.0%	3.7%	2074
Dental	7.9%	3.7%	2074
Tuition Remission	2.3%	2.3%	2021

The discount rate was based on Bond Buyer GO 20-Bond Municipal Bond Index. The discount rate is as of the measurement date.

The mortality rates for 2022 were based on the Pri-2012 Retiree/Employee Mortality Table projected with Projection Scale MP-2021 for healthy participants, Pri-2012 Contingent Survivor Table with Scale MP-2021 for current surviving spouses, and Pri-2012 Disabled Mortality Table projected with Projection Scale MP-2021 for disabled participants. The mortality rates for 2021 were based on the Pri-2012 Retiree/Employee Mortality Table

projected with Projection Scale MP-2020 for healthy participants, Pri-2012 Contingent Survivor Table with Scale MP-2020 for current surviving spouses, and Pri-2012 Disabled Mortality Table projected with Projection Scale MP-2020 for disabled participants.

The University's OPEB plan is not large enough to develop credible mortality table based exclusively on plan experience. Therefore, the University has relied on the previously mentioned published mortality table in which credible mortality experience was analyzed.

## 3. Changes in Total OPEB Liability

The following table represents changes in Total OPEB Liability for the year ended June 30, 2022 and 2021:

<b>Total OPEB Liability</b>	<b>Fiscal Year 2022</b>	<b>Fiscal Year 2021</b>
Balance at the beginning of year	\$ 474,485	\$ 530,031
Changes for the year:		
Service cost	15,745	13,582
Interest on total OPEB liability	10,251	14,661
Effect of economic/demographic gains or losses	(9,093)	(117,836)
Effect of assumption changes or inputs	(41,561)	51,272
Benefit payments	(13,455)	(17,225)
Net changes	(38,113)	(55,546)
<b>Balance at end of the year</b>	<b>\$ 436,372</b>	<b>\$ 474,485</b>

The effect of assumption changes or inputs resulted in a net decrease to the OPEB liability and is comprised of several factors. Declining coverage election numbers, estimated at \$27.3 million, and favorable medical and dental cost trends, estimated at \$20.3 million, decreased the liability by \$47.6 million. Projections in the new mortality scale, estimated at \$2.4 million, and the discount rate decreasing to 2.06% in FY22 from 2.12% in FY21, estimated at \$3.7 million, increased the liability by \$6.1 million.

The following tables present the total OPEB liability of the University, calculated using the discount rates of 2.06% in FY22 and 2.12% in FY21, as well as what the University's total OPEB liability would be if it were calculated using a discount rate that is 1 percentage point lower or 1 percentage point higher than the current rate.

	<b>1% Decrease</b>	<b>Discount Rate</b>	<b>1% Increase</b>
<b>Fiscal Year 2022</b>	<b>(1.06%)</b>	<b>(2.06%)</b>	<b>(3.06%)</b>
Total OPEB liability	\$ 506,193	\$ 436,372	\$ 379,904
<b>Fiscal Year 2021</b>	<b>(1.12%)</b>	<b>(2.12%)</b>	<b>(3.12%)</b>
Total OPEB liability	\$ 554,745	\$ 474,485	\$ 410,209

The following tables present the FY22 and FY21 total OPEB liability for the University, calculated using the current healthcare cost trend rates as well as what the University's total OPEB liability would be if it were calculated using trend rates that are 1 percentage point lower or 1 percentage point higher than the current trend rates.

*(dollars in thousands)*

<u>Fiscal Year 2022</u>	<u>1% Decrease</u>	<u>Current Trend Rate</u>	<u>1% Increase</u>
Total OPEB liability	\$ 371,706	\$ 436,372	\$ 518,167

<u>Fiscal Year 2021</u>	<u>1% Decrease</u>	<u>Current Trend Rate</u>	<u>1% Increase</u>
Total OPEB liability	\$ 396,532	\$ 474,485	\$ 574,537

#### 4. OPEB Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB

OPEB expense for the fiscal year ended June 30, 2022 and 2021 is summarized as follows:

<u>OPEB Expense</u>	<u>FY22</u>	<u>FY21</u>
Service cost	\$ 15,745	\$ 13,582
Interest on total OPEB liability	10,251	14,661
Recognition of deferred outflows/inflows of resources		
Recognition of economic/demographic gains or losses	(24,923)	(23,208)
Recognition of assumption changes or inputs	1,319	9,161
<b>OPEB expense</b>	<b>\$ 2,392</b>	<b>\$ 14,196</b>

Deferred outflows and inflows of resources as of June 30, 2022 and 2021 are summarized as follows:

<u>Fiscal Year 2022</u>	<u>Deferred Inflows of Resources</u>	<u>Deferred Outflows of Resources</u>
Difference between expected and actual experience	\$ (74,092)	\$ 4,399
Changes of assumptions	(36,993)	48,759
Contributions after measurement period	-	4,944
<b>TOTAL</b>	<b>\$ (111,085)</b>	<b>\$ 58,102</b>

<u>Fiscal Year 2021</u>	<u>Deferred Inflows of Resources</u>	<u>Deferred Outflows of Resources</u>
Difference between expected and actual experience	\$ (92,275)	\$ 6,753
Changes of assumptions	(14,563)	69,209
Contributions after measurement period	-	8,511
<b>TOTAL</b>	<b>\$ (106,838)</b>	<b>\$ 84,473</b>

Deferred outflows of resources resulting from contributions after the measurement period totaling \$4,944 and \$8,511 will be recognized as a reduction of the total OPEB liability in the year ended June 30, 2022 and June 30, 2021, respectively. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expenses as follows:

<u>For the Fiscal Year Ending June 30</u>	<u>OPEB Expense</u>
2023	\$ (16,482)
2024	(13,573)
2025	(15,447)
2026	(9,557)
2027	(2,867)
Thereafter*	-
<i>* Note that additional future inflows and outflows of resources may impact these numbers.</i>	

*(dollars in thousands)*

**L. Operating Expenses by Function**

Operating expenses by functional classification for the years ended June 30, 2022 and 2021 are summarized as follows:

<b>Year ended June 30, 2022</b>						
<b>Function</b>	<b>Compensation And Benefits</b>	<b>Supplies And Services</b>	<b>Depreciation</b>	<b>Scholarships And Fellowships</b>	<b>Total</b>	
Instruction	\$ 140,115	\$ 18,917	\$ -	\$ -	\$	159,032
Research	70,135	39,806	-	-	-	109,941
Public service	44,061	14,448	-	-	-	58,509
Academic support	61,286	13,560	-	-	-	74,846
Student services	28,543	10,978	-	-	-	39,521
Institutional support	37,928	12,531	-	-	-	50,459
Operations and maintenance of plant	29,613	17,958	-	-	-	47,571
Scholarships and fellowships	-	-	-	39,935	-	39,935
Auxiliary enterprises	28,470	50,454	-	-	-	78,924
Depreciation	-	-	39,499	-	-	39,499
<b>TOTAL</b>	<b>\$ 440,151</b>	<b>\$ 178,652</b>	<b>\$ 39,499</b>	<b>\$ 39,935</b>	<b>\$</b>	<b>698,237</b>
<b>Year ended June 30, 2021</b>						
<b>Function</b>	<b>Compensation And Benefits</b>	<b>Supplies And Services</b>	<b>Depreciation</b>	<b>Scholarships And Fellowships</b>	<b>Total</b>	
Instruction	\$ 145,291	\$ 14,893	\$ -	\$ -	\$	160,184
Research	67,244	34,632	-	-	-	101,876
Public service	48,456	18,285	-	-	-	66,741
Academic support	60,616	14,342	-	-	-	74,958
Student services	27,233	21,006	-	-	-	48,239
Institutional support	34,238	10,655	-	-	-	44,893
Operations and maintenance of plant	29,103	14,019	-	-	-	43,122
Scholarships and fellowships	-	-	-	29,954	-	29,954
Auxiliary enterprises	27,253	44,469	-	-	-	71,722
Depreciation	-	-	33,174	-	-	33,174
<b>TOTAL</b>	<b>\$ 439,434</b>	<b>\$ 172,301</b>	<b>\$ 33,174</b>	<b>\$ 29,954</b>	<b>\$</b>	<b>674,863</b>

(dollars in thousands)

<b>Required Supplementary Information - Post Employment Benefits Schedule of Changes in the University's Total OPEB Liability and Related Ratios</b>					
<b>Total OPEB Liability</b>	<b>FY22</b>	<b>FY21</b>	<b>FY20</b>	<b>FY19</b>	<b>FY18</b>
Service cost	\$ 15,745	\$ 13,582	\$ 13,452	\$ 15,645	\$ 14,434
Interest on total OPEB liability	10,251	14,661	19,063	17,175	18,066
Changes of benefit terms	-	-	-	-	-
Effect of economic/demographic gains or (losses)	(9,093)	(117,836)	9,862	1,395	847
Effect of assumption changes or inputs	(41,561)	51,272	45,175	(48,429)	4,085
Benefit payments	(13,455)	(17,225)	(17,853)	(18,029)	(16,058)
<b>Net change in total OPEB liability</b>	<b>(38,113)</b>	<b>(55,546)</b>	<b>69,699</b>	<b>(32,243)</b>	<b>21,374</b>
Total OPEB liability, beginning	474,485	530,031	460,332	492,575	471,201
<b>Total OPEB liability, ending</b>	<b>\$ 436,372</b>	<b>\$ 474,485</b>	<b>\$ 530,031</b>	<b>\$ 460,332</b>	<b>\$ 492,575</b>
Covered-employee payroll	\$ 259,184	\$ 258,395	\$ 258,395	\$ 241,981	\$ 241,981
Total OPEB liability as a % of covered-employee payroll	168.36%	183.63%	205.12%	190.23%	203.56%

This schedule is presented to illustrate the requirement to show information for 10 years. However, recalculations of prior years are not required, and if prior years are not reported in accordance with the current GASB standards, they should not be reported.

**Notes to Schedule:**

*Changes of assumptions.* Changes of assumptions and other inputs reflect the effects of changes in the discount rate each period. The following are the discount rates used in each period:

2022	2.06%
2021	2.12%
2020	2.74%
2019	4.10%
2018	3.44%

**UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE**

Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2022

Federal grantor/pass-through grantor/program title	Direct award or pass-through entity identification	Federal CFDA number	Passed through to subrecipients	Total federal expenditures
Research and Development Cluster:				
Department of Agriculture:				
Animal and Plant Health Inspection Service	Direct	10.RD	\$ -	131,081
Forest Service	Direct	10.RD	337,143	700,616
National Institute of Food and Agriculture	Direct	10.RD	5,452,844	13,049,526
Natural Resources Conservation Service	Direct	10.RD	47,824	687,104
Agriculture Research Service	Direct	10.001	-	1,547,810
Agricultural Marketing Service	Direct	10.174	20,327	455,482
Department of Agriculture Direct Subtotal			5,858,138	16,571,619
Dairy Research Institute	D1295-0	10.000	-	10,506
Geisinger Clinic	646515UV01	10.001	-	20,427
Oregon State University	R0813A-F	10.001	-	12,458
Vermont Law School	USDA-NAL-58-8250-8-0	10.001	-	1,799
Subtotal			-	34,684
Vermont Agency of Agric Food & Markets	02200-FIELD-2021	10.025	-	14,348
Vermont Agency of Agric Food & Markets	02200-FRUIT-2021	10.025	-	13,134
Subtotal			-	27,482
Cornell University	136022-20710	10.170	-	6,307
Cornell University	136378-20752	10.170	-	10,704
Vermont Agency of Agric Food & Markets	02200-SCBGP-16-04	10.170	-	19,986
Vermont Agency of Agric Food & Markets	02200-SCBGP-16-05	10.170	-	19,704
Vermont Agency of Agric Food & Markets	02200-SCBGP-16-06	10.170	-	14,872
Vermont Agency of Agric Food & Markets	02200-SCBGP-17-04	10.170	-	4,025
Vermont Agency of Agric Food & Markets	02200-SCBGP-13-1	10.170	-	3,619
Vermont Agency of Agric Food & Markets	02200-SCBGP-15-2	10.170	-	27,987
Vermont Agency of Agric Food & Markets	02200-SCBGP-15-3	10.170	-	6,289
Vermont Agency of Agric Food & Markets	02200-SCBGP-15-4	10.170	-	(16)
Vermont Agency of Agric Food & Markets	02200-SCBGP-15-5	10.170	-	17,289
Vermont Agency of Agric Food & Markets	02200-SCBGP-15-6	10.170	-	10,348
Subtotal			-	141,114
Vermont Creamery	202201	10.176	-	5,175
Vermont Agency of Agric Food & Markets	02200-DBIC-21-02	10.176	9,691	98,606
Vermont Agency of Agric Food & Markets	02200-DBIC-21-06	10.176	-	36,323
Vermont Agency of Agric Food & Markets	43373	10.176	-	15,109
Subtotal			9,691	155,213
Vermont Sustainable Jobs Fund	2021-09-01 UVM	10.177	-	3,176
Colorado State University	CSU 531459	10.200	-	3,243
University of New Hampshire	L0091	10.215	-	11,551
Cornell University	142258-21558	10.215	-	825
Cornell University	89952-20321	10.215	-	343
Cornell University	88502-11225	10.215	-	33,567
University of Massachusetts Amherst	21-015580-B	10.215	-	11,034
University of Maine	UMS1301	10.215	-	22,215
Subtotal			-	79,535
Extension Foundation	EXC2-2021-2120	10.229	-	53,771
University of Florida	SUB00002456	10.304	-	19,854
University of Florida	SUB00002907	10.304	-	1,606
Cornell University	80289-10776	10.304	-	13,841
Subtotal			-	35,301
Cornell University	92406-20533	10.307	-	91,185
Cornell University	79536-10806	10.307	-	691
Subtotal			-	91,876
Colby College	2021-NIFA-CRS-05	10.310	-	17,918
Harvard University	131727-5116598	10.310	-	44,947
University of Massachusetts Amherst	22-016101 A.00	10.310	-	60,925
Colorado State University	G-03163-02	10.310	-	66,596
Pennsylvania State University	S001396-USDA	10.310	-	12,573
Washington State University	132484-G003898	10.310	-	9,922
North Carolina State University	2019-1507-06	10.310	-	92,998
Sam Houston State University	22120B	10.310	-	5,726
The Regents of the Univ of California	A18-0267-S001	10.310	-	1,965
Subtotal			-	313,570
University of California, Santa Cruz	A19-0272S003P0692772	10.311	-	2,274
University of New Hampshire	19-025	10.319	-	1,835
Cornell University	86935-11355	10.329	-	20,604
Cornell University	86935-21136	10.329	-	3,628
Cornell University	86935-21139	10.329	1,545	5,114
Cornell University	86935-21755	10.329	-	6,701
Subtotal			1,545	36,047

**UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE**

Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2022

Federal grantor/pass-through grantor/program title	Direct award or pass-through entity identification	Federal CFDA number	Passed through to subrecipients	Total federal expenditures
Iowa State University	022840H	10.332	\$ -	4,662
University of Delaware	56961	10.500	-	10,701
University of Delaware	58900	10.500	-	40,668
University of Delaware	57343	10.500	-	39,412
University of Delaware	58891	10.500	2,248	20,628
University of Delaware	58899	10.500	-	26,195
University of Delaware	58984	10.500	-	57,042
University of Delaware	58985	10.500	-	23,355
University of Delaware	UDR000154	10.500	-	14,406
Pennsylvania State University	S002789-EF	10.500	-	7,919
University of Minnesota	H007172401	10.500	-	75,981
Subtotal			2,248	316,307
Vermont AHS Department of Health	03420-08522	10.561	-	8,288
Vermont Dept of Forests Parks Recreation	06130-UVM-FEMC-FFY18	10.664	-	(570)
Vermont Dept of Forests Parks Recreation	06130-UVM-FEMC-FFY19	10.664	15,000	132,636
Vermont Dept of Forests Parks Recreation	06130-UVM-FEMC-FFY20	10.664	36,515	638,369
Subtotal			51,515	770,435
University of Massachusetts Amherst	20 015182 A 00	10.903	-	6,968
Vermont Land Trust	2021-VLT-UVMCIG	10.912	-	14,924
GSR Solutions LLC	4/15/2022	10.912	-	667
Subtotal			-	15,591
Department of Agriculture Pass Through Subtotal			64,999	2,111,878
Department of Agriculture Total			5,923,137	18,683,497
Department of Commerce:				
International Joint Commission	Direct	11.RD	-	5,950
National Oceanic Atmospheric Admin/NOAA	Direct	11.RD	457,596	1,552,775
National Inst Standards Technology/NIST	Direct	11.RD	-	13,779
Department of Commerce Direct Subtotal			457,596	1,572,504
University of Puerto Rico	2021-2022-002	11.417	-	7,753
Louisiana State University	PO-0000187366	11.417	-	3,832
Watershed Consulting, LLC	Stormwater Subsurface	11.417	-	12,142
Department of Commerce Pass Through Subtotal			-	23,727
Department of Commerce Total			457,596	1,596,231
Department of Defense:				
Office of Naval Research	Direct	12.300	-	127,773
Defense Threat Reduction Agency	Direct	12.351	-	46,247
US Army Medical Research Acquisition Activity	Direct	12.420	122,513	629,049
Department of The Army	Direct	12.431	-	118,345
Department of the Navy	Direct	12.700	-	21,094
Air Force Ofc Scientific Rsrch	Direct	12.800	-	46,352
Department of Defense Direct Subtotal			122,513	988,860
Rochester Institute of Technology	1/14/2021	12.000	-	1,000
Galois, Inc	2021-013	12.000	-	122,198
Stealth Software Technologies	SIEVE Program	12.000	-	86,611
University of Calgary	UCalgary	12.000	-	7,690
Subtotal			-	217,499
University of Colorado, Boulder	1001343891	12.300	-	118,348
MedStar Health Research Institute	5002071103	12.420	-	261,780
University of Colorado Denver	FY21.645.005	12.420	-	4,173
Dimension Inx.	UVM-05312021	12.420	-	46,257
University of Alabama at Birmingham	000507860 - SC021	12.420	-	4,736
Dana Farber Cancer Institute	3086101	12.420	-	5,081
Subtotal			-	322,027
Wayne State University	WSU21079	12.750	-	435,152
Stanford University	62621898-192767	12.910	-	441,633
University of Wyoming	1003825-UV	12.910	-	61,294
University of Pittsburgh	AWD00001593 (416052-1)	12.910	-	557,828
Subtotal			-	1,060,755
Department of Defense Pass Through Subtotal			-	2,153,781
Department of Defense Total			122,513	3,142,641
Department of the Interior:				
US Geological Survey	Direct	15.RD	11,778	349,514
National Park Service	Direct	15.RD	-	227,719
Department of the Interior Direct Subtotal			11,778	577,233
Vermont Department of Fish/Wildlife	06120FY17382	15.634	-	3,809
Tropical Agri Research Higher Ed Ctr	CATIE	15.640	-	1,270
Saint Michaels College	SUBAWD520032	15.805	-	3,601
AmericaView	AV18-VT-01	15.815	-	23,572
University of Massachusetts Amherst	21-015986-A-01	15.820	-	54,747
University of Massachusetts Amherst	20-015184-D-02	15.820	-	68,492
Subtotal			-	123,239

**UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE**

Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2022

Federal grantor/pass-through grantor/program title	Direct award or pass-through entity identification	Federal CFDA number	Passed through to subrecipients	Total federal expenditures
University of New Mexico	045501-87Z3	15.945	\$ -	-
Department of the Interior Pass Through Subtotal			-	155,491
Department of the Interior Total			11,778	732,724
Department of Justice:				
Vermont Law School	15PBJA-20-GK-00035-NCRJ01	16.003	-	77,732
Vermont Law School	2020-MU-CX-K001-01	16.030	-	183,623
Department of Justice Pass Through Subtotal			-	261,355
Department of Justice Total			-	261,355
Department of Transportation :				
Federal Highway Administration	Direct	20.RD	-	4,433
Department of Transportation Direct Subtotal			-	4,433
University of South Florida	2106-1323-00-B	20.000	-	10,361
University of Alabama- Huntsville	2020-1263	20.109	-	176,891
Vermont Agency of Transportation	GR1671	20.200	-	36,896
Minnesota Department of Transportation	1034820	20.200	-	7,321
National Academy of Sciences	HR 20-44(017)	20.200	-	146,403
Subtotal			-	190,620
Vermont Agency of Transportation	CA0500EA 0001057-332	20.205	24,515	30,202
Vermont Agency of Transportation	CA0500WA024 EA_VTRC20-003	20.205	-	40,418
Vermont Agency of Transportation	CA0500WA026 EA0001058-302	20.205	-	19,101
Vermont Agency of Transportation	CA0500WA027EA SPWP021-307	20.205	-	18,517
Vermont Agency of Transportation	CA0500WO-023EA-VTRC20-002	20.205	-	19,287
Vermont Agency of Transportation	EA VTRC20-001 WO 022	20.205	-	47,182
Vermont Agency of Transportation	PS0894 EA VTRC021	20.205	-	37,855
Vermont Agency of Transportation	SPWP22 302 WA 029	20.205	-	55,481
Vermont Agency of Transportation	STP PDWVP(23)-303	20.205	-	60,907
Vermont Agency of Transportation	VTRC017-000	20.205	-	1,817
Vermont Agency of Transportation	VTRC019-001	20.205	-	4,735
Vermont Agency of Transportation	VTRC019-002	20.205	-	10,003
Vermont Agency of Transportation	VTRC019-003	20.205	-	107
Vermont Agency of Transportation	VTRC21-000	20.205	-	4,751
Vermont Agency of Transportation	WO-023A EA - VTRC20-002	20.205	-	9,263
Chittenden County Regional Planning	PL 2021-06	20.205	-	(86)
Subtotal			24,515	359,540
The Regents of the Univ of California	201603605-03	20.701	-	257,735
University of Maine	UMS-1186	20.701	-	333,660
Subtotal			-	591,395
Department of Transportation Pass Through Subtotal			24,515	1,328,807
Department of Transportation Total			24,515	1,333,240
National Aeronautics & Space Admin:				
National Aeronautics & Space Admin:	Direct	43.RD	123,128	1,447,480
National Aeronautics and Space Administration Direct Subtotal			123,128	1,447,480
Jet Propulsion Laboratory	1651643	43.000	-	(3,101)
University of Maryland	104049-Z6358201	43.001	-	47,608
National Aeronautics and Space Administration Pass Through Subtotal			-	44,507
National Aeronautics and Space Administration Total			123,128	1,491,987
National Science Foundation:				
National Science Foundation	Direct	47.RD	1,252,180	8,704,825
National Science Foundation Direct Subtotal			1,252,180	8,704,825
Virginia Polytec Inst State University	480771-19D19	47.041	-	240,869
MedChem Partners	8/16/2021	47.041	-	62,532
Rensselaer Polytech Institute	A18-0051-S001	47.041	-	2,983
CoreMap, Inc.	Agreement # AWD491	47.041	-	(500)
Full Circle Microbes	2014792	47.041	-	4,745
South Dakota State University	3TB329	47.041	-	67
Yale University	GR104715 (CON-80001519)	47.041	-	176,934
Subtotal			-	487,630
South Dakota State University	3TB355	47.070	-	73,669
Mass Green High Performance Computer Ctr	31659377-UVCM	47.070	-	9,852
Rensselaer Polytech Institute	A12980/A19-0075-S001	47.070	-	182,518
Subtotal			-	266,039
Harvard University	144255-5118459	47.074	-	11,036
Columbia University	2(GG016707-01)	47.074	-	125,020
Donald Danforth Plant Science Center	24409-V	47.074	-	12,316
University of Texas at Austin	UTA20-000899	47.074	-	143,272
Virginia Polytec Inst State University	480146-19D19	47.074	-	111,336
Marine Biological Laboratory	52818	47.074	-	46,099
Subtotal			-	449,079

**UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE**

Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2022

Federal grantor/pass-through grantor/program title	Direct award or pass-through entity identification	Federal CFDA number	Passed through to subrecipients	Total federal expenditures
American Educational Research Assn	12/14/20	47.076	\$ -	16,407
University of Maine	UMS1275	47.083	-	386,804
University of Maine	3UMS1229	47.083	-	602,665
Regents of the University of Idaho	SH2106-SB2-772972	47.083	-	(17,950)
Subtotal			-	971,519
National Science Foundation Pass Through Subtotal			-	2,190,674
National Science Foundation Total			1,252,180	10,895,499
Department of Veteran Affairs:				
US Department of Veterans Affairs/VA	Direct	64.RD	-	2,184
Department of Veteran Affairs Direct Subtotal			-	2,184
Department of Veteran Affairs Total			-	2,184
Environmental Protection Agency:				
Environmental Protection Agency	Direct	66.RD	5,356	92,274
Environmental Protection Agency Direct Subtotal			5,356	92,274
Stone Environmental, Inc.	20-134	66.000	-	30,750
West Virginia University	20-683-UVM	66.466	-	4,572
SLR International Corporation	03/28/2022	66.481	-	2,718
Stone Environmental, Inc.	19-150	66.481	-	53,854
Stone Environmental, Inc.	20211011	66.481	-	16,455
NE Interstate Water Pollution/NEIWPC	LC00A00695-0	66.481	-	88,493
NE Interstate Water Pollution/NEIWPC	LS-2021-057	66.481	-	5,227
NE Interstate Water Pollution/NEIWPC	LS-2022-021	66.481	-	387
NE Interstate Water Pollution/NEIWPC	LS-2022-039	66.481	-	188
Dartmouth College	R1623	66.481	-	500
NE Interstate Water Pollution/NEIWPC	LC00A00394	66.481	-	15,743
NE Interstate Water Pollution/NEIWPC	LS-2019-008	66.481	-	27,957
Subtotal			-	211,522
Environmental Protection Agency Pass Through Subtotal			-	246,844
Environmental Protection Agency Total			5,356	339,118
Department of Energy:				
Department of Energy	Direct	81.RD	76,273	620,557
Department of Energy Direct Subtotal			76,273	620,557
Pacific Northwest National Laboratory	603561	81.000	-	32,731
Sandia National Laboratories/DOE	PO#2361271	81.000	-	18,330
Department of Energy Pass Through Subtotal			-	51,061
Department of Energy Total			76,273	671,618
Department of Education:				
Department of Education	Direct	84.324B	-	119,839
Department of Education Direct Subtotal			-	119,839
University of Washington	UWSC12069	84.305A	-	30,631
Vermont Student Assistance Corporation	11/1/2021	84.334S	-	20,980
Vermont Student Assistance Corporation	12/16/2020	84.334S	-	13,092
Department of Education Pass Through Subtotal			-	64,703
Department of Education Total			-	184,542
Election Assistance Commission				
Vermont Technical College	Vermont Technical College	90.601	-	55,380
Election Assistance Commission Pass Through Subtotal			-	55,380
Election Assistance Commission Total			-	55,380
Department of Health and Human Services:				
Department of Health and Human Services	Direct	93.RD	-	39,403
National Institutes of Health	Direct	93.RD	8,189,057	57,558,060
Health Resources and Services Administration	Direct	93.RD	660,784	4,519,748
Substance Abuse and Mental Health Services Administration	Direct	93.243	-	406,513
Department of Health and Human Services Direct Subtotal			8,849,841	62,523,724
Johns Hopkins University	2004691448	93.000	-	476,936
Johns Hopkins University	2005319514	93.000	-	45,000
Johns Hopkins University	200547483	93.000	-	103,288
ContraFect Corporation	CF-301-105	93.000	-	23,955
University of Michigan	SUBK00015148	93.000	-	9,044
University of Washington	UWSC11635	93.000	-	147,207
University of Washington	UWSC12413	93.000	-	86,524
University of Washington	UWSC12882	93.000	5,030	165,970
University of Washington	UWSC12970	93.000	-	130,580
Lovelace Respiratory Research Institute	3010255_HHS_FY19_UOVermnt	93.000	-	61,758
University of North Carolina Chapel Hill	5107238	93.000	-	189,513
University of Mississippi Medical Center	66111350819-08	93.000	-	30,679
Subtotal			5,030	1,470,454

**UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE**

Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2022

Federal grantor/pass-through grantor/program title	Direct award or pass-through entity identification	Federal CFDA number	Passed through to subrecipients	Total federal expenditures
Ohio State University	60078689	93.077	\$ -	15,591
Vermont Agency of Agric Food and Markets	02200-FSMA-21-01	93.103	-	71,908
Seattle Childrens Hospital	12603SUB	93.103	-	13,812
Duke University	234691/240919	93.103	-	(1,342)
Vermont Agency of Agric Food and Markets	02200-FSMA-19-01	93.103	-	1,109
Subtotal			-	85,487
Vermont AHS Department of Health	03420-09102	93.110	-	109,483
American College of Obstetricians Gyn	UC4MC28042	93.110	-	7,762
Vermont AHS Department of Health	03420-07778	93.110	-	33,250
Subtotal			-	150,495
Vermont AHS Department of Health	03420-08731	93.130	-	1,681
Medical Care Development	9769-001	93.211	-	32,251
Vermont AHS Department of Health	03420-08731	93.241	-	1,249
Harvard Medical School	153246.5120540.0004	93.242	-	1,889
Columbia University	2(GG017224-01)	93.242	-	76,243
Middlebury College	2020-0040-501320	93.242	-	11,866
University of North Carolina Chapel Hill	5119198	93.242	-	58,304
Dartmouth College	R1604	93.242	-	16,176
WISER Systems, Inc.	UVM-002	93.242	-	184,685
Subtotal			-	349,163
Cum Laude Consulting LLC	03/12/2021 TBreak	93.243	-	162
Center for Behavioral Health Integration	4/6/2021	93.243	-	19,952
Vermont AHS Dept of Mental Health	36603	93.243	-	138,415
Subtotal			-	158,529
Yale University	GR106384/CON-800001853	93.273	-	43,402
University of California, San Diego	132356569	93.279	-	141,564
George Mason University	E2056595	93.279	-	30,151
University of California, San Diego	KR 704898	93.279	-	68,381
University of California, San Diego	131643098	93.279	-	77,396
Baystate Medical Center	19-166	93.279	-	37,811
University of North Carolina Chapel Hill	5112084	93.279	-	130,516
Subtotal			-	485,819
University of California San Francisco	13021sc	93.307	-	8,676
University of South Carolina	22-4485	93.307	-	30,556
University of North Carolina Chapel Hill	5111579	93.307	-	33,898
Subtotal			-	73,130
University of Arkansas	54005 - PO#G218700092	93.310	-	12,197
University of Arkansas	54005-ESC Training	93.310	-	18,763
University of Arkansas	54005-leadership	93.310	-	27,720
University of Arkansas	54005-protocol chair	93.310	-	60,065
University of Arkansas	54005-VDORA	93.310	-	9,560
Duke University	A03-5358	93.310	-	61,539
University of Florida	SUB00002565	93.310	-	797,371
Subtotal			-	987,215
University of Utah	10059044-UVM	93.321	-	23,039
Vermont AHS Department of Health	03420-08850	93.323	-	4,283
Vermont AHS Department of Health	03420-08894	93.323	-	203,500
Vermont AHS Department of Health	03420-09284	93.323	-	2,145
Subtotal			-	209,928
University of Utah	10038814-01	93.361	-	23,251
University of Wisconsin	0000000976	93.393	-	32,874
University of Wisconsin-Madison	0000001492	93.393	-	28,153
University of Wisconsin-Madison	0000001703	93.393	-	3,134
University of Utah	10061258-02	93.393	-	4,241
Moffitt Cancer Ctr Research Institute	10-19731-99-01-G4	93.393	-	59,564
Moffitt Cancer Ctr Research Institute	10-21000-99-01-G1	93.393	-	32,393
University of North Carolina Chapel Hill	5118234	93.393	-	246,215
University of North Carolina Chapel Hill	5118237	93.393	-	181,528
University of Massachusetts	OSP32495-00	93.393	-	28,826
University of Florida	SUB00002957	93.393	-	1,715
University of Washington	UWSC12807	93.393	-	40,971
University of California San Francisco	10905sc	93.393	-	120,425
University of California, Los Angeles	1557 G WA331	93.393	-	37,004
University of California, Davis	201603696-09	93.393	-	249,726
Georgetown University	7R01CA207361-02	93.393	-	(3,769)
Subtotal			-	1,063,000
Public Health Institute	Work Order: PCR	93.395	-	2,664
Childrens Hospital of Philadelphia	320-01 (U10CA180886)	93.395	-	13,243
Childrens Hospital of Philadelphia	599-01 (U10CA180886)	93.395	-	2,503
Childrens Hospital of Philadelphia	ALTE11C2 Study	93.395	-	(52)
American College of Radiology	AM COLLEGE RADIOLOGY	93.395	-	41
National Childhood Cancer Foundation	COG Master Agreement	93.395	-	8,002
Childrens Hospital of Philadelphia	FP000269529_SUB343_01	93.395	-	(2,512)
Subtotal			-	23,889

**UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE**

Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2022

Federal grantor/pass-through grantor/program title	Direct award or pass-through entity identification	Federal CFDA number	Passed through to subrecipients	Total federal expenditures
Dartmouth College	R1570	93.397	\$ -	9,705
Beth Israel Deaconess Medical Center	01062775/01061818	93.398	-	49,479
Alliance NCTN Foundation	202010113	93.399	-	43,670
Assn of University Ctrs on Disabilities	01-8816-22	93.421	270,332	405,263
Assn of University Ctrs on Disabilities	09-21-8814	93.421	411,169	624,171
Subtotal			681,501	1,029,434
University of Wyoming	SCOPE/1004506A	93.632	-	11,109
RTI International	43-312-0217571-66611L	93.738	-	157,166
Iowa State University	SCN-1009573	93.788	-	14,523
University of California San Francisco	12916sc	93.837	-	9,451
University of California San Francisco	12999sc	93.837	-	14,787
Massachusetts General Hospital	239432	93.837	-	22,324
Boston University	4500003912	93.837	-	253,238
Northwestern University	60060285 UVT	93.837	-	13,672
Samba Biologics Incorporated	AWD960	93.837	-	72,734
University of Minnesota	P008505102	93.837	-	38,933
University of Mississippi Medical Center	SP14194-SB3	93.837	-	99,563
Princeton University	SUB0000423	93.837	-	132,377
Oregon Health Sciences University	1011359_UVT	93.837	-	36,151
University of Texas	SA0000561	93.837	-	121,435
University of Washington	UWSC10598	93.837	-	120,830
University of Washington	UWSC11251	93.837	-	49,755
Subtotal			-	985,250
Fred Hutchinson Cancer Center	0001058969	93.838	-	29,647
Fred Hutchinson Cancer Center	0001058972	93.838	-	4,680
Fred Hutchinson Cancer Center	0001092790	93.838	-	176,290
Arkansas Childrens Research Institute	01/26/2022	93.838	-	13,151
University of Illinois	18722	93.838	-	46,530
Columbia University	31(GG015997-01)	93.838	-	208,905
RTI International	41-312-0217571-66405L	93.838	-	326,113
Boston University	4500003898	93.838	-	277,907
University of Pennsylvania	583172	93.838	-	14,164
RTI International	8-312-0217571-66064L	93.838	-	496,781
New York University	PASC Subaward 31-A	93.838	-	849
Brigham and Womens Hospital	121004	93.838	-	65,084
University of North Carolina Chapel Hill	5108822	93.838	-	7,583
National Jewish Health	National Jewish Health	93.838	-	134,998
Subtotal			-	1,802,682
Rutgers University	1484	93.839	-	12,327
University of Minnesota	P005639701	93.839	-	16,146
University of Michigan	SUBK00009069	93.839	-	44,639
University of Michigan	SUBK00011495	93.839	-	24,401
University of Washington	UWSC9761	93.839	-	411,908
Subtotal			-	509,421
Duke University	A031900	93.847	-	44,881
Abalone Bio	AWD771	93.847	-	73,768
Yale University	GR102643	93.847	-	14,701
Ohio State University	GR113097/SPC-1000003811	93.847	-	144,126
Dartmouth College	R1073	93.847	-	29,237
Michigan State University	RC110044UVSAC	93.847	-	112,874
Subtotal			-	419,587
Florida International University	000509	93.853	-	136,733
University of Cincinnati	011337-137268	93.853	-	49,897
University of Cincinnati	012043-137268	93.853	-	15,943
University of Cincinnati	012044-137268	93.853	-	6,713
Cleveland Clinic Foundation	1433-SUB	93.853	-	38,962
Harvard University	153366.5114453.0004	93.853	-	68,546
University Texas Hlth Sci Ctr San Anton	168357/168352	93.853	-	182,429
University Texas Hlth Sci Ctr San Anton	170355/170353	93.853	-	25,346
Columbia University	2(GG017672-01)	93.853	-	91,752
Case Western Reserve University	RES515968	93.853	-	64,475
University of Alabama at Birmingham	0005252882-SC001	93.853	-	752,137
Subtotal			-	1,432,933
University of Utah	10057734 UV	93.855	-	130,427
University of North Carolina Chapel Hill	5116806	93.855	-	56,663
Celdara Medical, LLC	ABATE STTR 4-2020	93.855	-	117,113
Celdara Medical, LLC	DB1/84574510.1	93.855	-	16,257
University of California San Francisco	10797sc	93.855	-	103,879
University of North Carolina Chapel Hill	5112871	93.855	-	148,156
Celdara Medical, LLC	Celdara Medical	93.855	-	(6,701)
University of Florida	SUB00001749	93.855	-	91,196
University of Colorado Denver	Y20.1034.001	93.855	-	50,928
Subtotal			-	707,918

**UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE**

Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2022

Federal grantor/pass-through grantor/program title	Direct award or pass-through entity identification	Federal CFDA number	Passed through to subrecipients	Total federal expenditures
Tufts University	103716-00001	93.859	\$ -	16,627
Maine Medical Center	112366-ROSEN-CTR-PILOT-14	93.859	-	13,669
Celdara Medical, LLC	12/18/2020	93.859	-	11,467
West Virginia University	12-303G-UV	93.859	-	79,816
State University of New York	93818-UV	93.859	-	29,532
Maine Medical Center	CTR_Year 5 pilot-Floreani	93.859	-	26,630
Maine Medical Center	CTR-Year 5 pilot-Kaminsky	93.859	-	1,522
Maine Medical Center	MH_CTR_Rosen-UVM_Stafford	93.859	-	49,357
Maine Medical Center	MH-Rosen-111081-Carr	93.859	-	50,138
Maine Medical Center	MH-Rosen-111081-Holmes	93.859	-	11,234
Maine Medical Center	MH-Rosen-111081-Wolfson	93.859	-	22,115
Maine Medical Center	MH-Sawyer-111410-Craig/UV	93.859	-	2,281
Dartmouth College	R1523	93.859	-	33,483
Maine Medical Center	112366-ROSEN-CTR-1	93.859	-	1,901,462
Maine Medical Center	112366-ROSEN-CTR-PILOT-13	93.859	-	(53)
Maine Medical Center	112366-ROSEN-CTR-PILOT-18	93.859	-	7,216
Mayo Clinic Jacksonville	UNI-251795-04	93.859	-	139,178
Celdara Medical, LLC	UVM Agreement #32992	93.859	-	45,774
American Society for Cell Biology	UVM2R25GM116707-03	93.859	-	26,211
Subtotal			-	2,467,659
University of Connecticut	UHC7-143456319	93.865	-	23,236
University of Arkansas	51460 - VDORA	93.865	-	36,886
Duke University	A03-2100	93.865	-	53,617
Research Foundation of SUNY	R1173728	93.865	-	51,062
University of North Carolina Chapel Hill	UNC 5050056	93.865	-	(1,375)
Subtotal			-	163,426
University of Wisconsin-Madison	000000692	93.866	-	3,432
Harvard School of Public Health	115437-5119658	93.866	-	19,437
Harvard University	150228.5119706.0044	93.866	-	68,478
Boston University	4500003476	93.866	-	150,917
University of North Carolina Chapel Hill	5120061 / 5123805	93.866	-	23,420
University of North Carolina Chapel Hill	5123836	93.866	-	107,039
University of North Carolina Chapel Hill	5124099	93.866	-	34,777
Healthy Design Ltd. Co.	782020	93.866	-	8,961
Vanderbilt University Medical Center	VUMC99326	93.866	-	11,742
Mount Sinai School of Medicine	0255-B741-4609	93.866	-	8,768
Wake Forest University	116-101720-551083	93.866	-	62,538
University of California, Los Angeles	1558GWA292	93.866	-	36,643
University of Massachusetts Amherst	18-010150 A05	93.866	-	48,991
California Pacific Medical Center	280201009-S199	93.866	-	16,551
University of Colorado	FY19.875.003	93.866	-	9,096
Healthy Design Ltd. Co.	Healthy Design Ltd.	93.866	211,827	256,749
Vanderbilt University Medical Center	VUMC56806	93.866	-	14,002
Subtotal			211,827	881,541
Phrase Health, Inc.	1/11/2022	93.879	-	25,102
Emory University	A132491	93.879	-	109,729
Subtotal			-	134,831
Arizona State University	ASUB00000964	93.884	-	7,669
Vermont AHS Department of Health	03420-08419	93.898	-	5,436
Vermont AHS Department of Health	03420-08917	93.898	-	45,369
Subtotal			-	50,805
Vermont AHS Department of Health	03420-08731	93.913	-	2,113
Vermont AHS Department of Health	03420-07960	93.994	-	789
Department of Health and Human Services Pass Through Subtotal			898,358	16,079,283
Department of Health and Human Services Total			9,748,199	78,603,007
Department of Homeland Security:				
Mississippi State University	193700.362394.02	97.005	-	49,798
Vermont Dept Environmental Conservation	2021-GEO-687	97.042	-	13,944
Department of Homeland Security Pass Through Subtotal			-	63,742
Department of Homeland Security Total			-	63,742
United States Agency for International Development				
CIAT International Center Tropical Ag	C-002-2	98.00	-	71,073
United States Agency for International Development Pass Through Subtotal			-	71,073
United States Agency for International Development Total			-	71,073
Total Research and Development Cluster Total			17,744,675	118,127,838
Student Financial Assistance Cluster:				
Federal Supplemental Education Opportunity Grant	Direct	84.007	-	2,034,169
Federal Work Study Program	Direct	84.033	-	1,014,244
Federal Perkins Loan Program (note 2)	Direct	84.038	-	2,183,399
Federal Pell Grant Program	Direct	84.063	-	7,788,231
Federal Direct Loan Program	Direct	84.268	-	82,717,954
Health Professions Student Loan program (note 2)	Direct	93.342	-	14,694
Nursing Student Loans (note 2)	Direct	93.364	-	745,178
Student Financial Assistance Cluster Total			-	96,497,869

**UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE**

Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2022

Federal grantor/pass-through grantor/program title	Direct award or pass-through entity identification	Federal CFDA number	Passed through to subrecipients	Total federal expenditures
<b>Medicaid Cluster:</b>				
Vermont AHS Dept Vermont Health Access	Contract 34113	93.778	\$ -	123,986
Vermont AHS Department of Health	03420-07997	93.778	-	(125)
Vermont AHS Department of Health	03420-07998	93.778	-	(19)
Vermont AHS Department of Health	03420-08391	93.778	-	403
Vermont AHS Department of Health	03420-08424	93.778	-	(336,822)
Vermont AHS Department of Health	03420-08700	93.778	-	82,733
Vermont AHS Department of Health	03420-08915	93.778	-	27,725
Vermont AHS Department of Health	03420-08916	93.778	-	228,829
Vermont AHS Department of Health	03420-08983	93.778	-	27,003
Vermont AHS Department of Health	03420-09011	93.778	-	4,487,770
Vermont AHS Department of Health	03420-09211	93.778	-	183,686
Medicaid Cluster Total			-	4,825,169
<b>Other Programs:</b>				
<b>Department of Agriculture (USDA):</b>				
Conservation Reserve Program	Direct	10.069	-	960
Organic Agriculture Research and Extension Initiative	Direct	10.307	-	8,632
Smith-Lever Funding	Direct	10.511	-	1,878,418
Expanded Food and Nutrition Education Program	Direct	10.514	-	256,027
Renewable Resources Act and National Focus Fund Projects	Direct	10.515	-	31,024
Partnership Agreements	Direct	10.699	-	25,805
Soil and Water Conservation	Direct	10.902	-	17,958
Environmental Quality Incentives Program	Direct	10.912	-	2,518
Other Department of Agriculture Direct Subtotal			-	2,221,342
Plant and Animal Disease, Pest Control, and Animal Care	02200-FPOP-2020	10.025	-	9,869
Plant and Animal Disease, Pest Control, and Animal Care	02200-FPOP-2021	10.025	-	40,862
Subtotal			-	50,731
Specialty Crop Block Grant Program - Farm Bill	02200-SCBGP-17-03	10.170	-	2,705
Farmers Market and Local Food Promotion Program	UVM 34934	10.175	-	4,401
Dairy Business Innovation Initiatives	02200-DBIC-21-03	10.176	-	174,965
Extension Collaborative on Immunization Teaching & Engagement	EXC1-2021-2090	10.229	-	19,457
Agriculture and Food Research Initiative (AFRI)	L0121	10.310	-	25,468
Value-Added Producer Grants	023108D	10.352	-	70,012
Cooperative Forestry Assistance	06130-UVM-UCF-FFY20	10.664	-	(121)
Cooperative Forestry Assistance	06130-UVM-UCF-FFY21	10.664	-	129,064
Subtotal			-	128,943
Other Department of Agriculture Pass Through Subtotal			-	476,682
Other Department of Agriculture Total			-	2,698,024
<b>Department of the Interior:</b>				
US Fish & Wildlife Service	Direct	15.000	-	12,007
Cooperative Research and Training Programs – Resources of the National Park System	Direct	15.945	-	11,485
Other Department of the Interior Direct Subtotal			-	23,492
Cooperative Research and Training Programs – Resources of the National Park System	045501-87Z3	15.945	-	36,028
Other Department of the Interior Pass Through Subtotal			-	36,028
Other Department of the Interior Total			-	59,520
<b>Department of State:</b>				
Bureau of Western Hemisphere Affairs (WHA) Grant Programs	A4FEH	19.750	-	1,716
Other Department of State Pass Through Subtotal			-	1,716
Other Department of State Total			-	1,716
<b>Department of Transportation :</b>				
Highway Training and Education	Direct	20.215	-	27,959
Other Department of Transportation Direct Subtotal			-	27,959
Highway Research and Development Program	GR1593	20.200	-	12,830
Highway Planning and Construction	GR1670	20.205	-	1,496
Highway Planning and Construction	PS0696-WA00001	20.205	-	134
Highway Planning and Construction	PS0696-WA00002	20.205	-	41,358
Highway Planning and Construction	PS0696-WA00003	20.205	-	22,469
Highway Planning and Construction	PS0696-WA00011	20.205	-	4,765
Highway Planning and Construction	PS0696-WA00012	20.205	-	52,560
Highway Planning and Construction	PS0696-WA00012 Phase II	20.205	-	12,840
Highway Planning and Construction	PS0696-WA00013	20.205	-	77,299
Highway Planning and Construction	PS0696-WA00013 Phase II	20.205	-	40,992
Highway Planning and Construction	PS0696-WA00014	20.205	-	3,689
Highway Planning and Construction	03/16/2022	20.205	-	6,106
Highway Planning and Construction	PL 2020-07	20.205	-	(436)
Subtotal			-	263,272
Other Department of Transportation Pass Through Subtotal			-	276,102
Other Department of Transportation Total			-	304,061
<b>Department of the Treasury:</b>				
BAB Subsidy	Direct	21.000	-	190,941
Other Department of the Treasury Direct Subtotal			-	190,941
Other Department of the Treasury Total			-	190,941

**UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE**  
 Supplementary Schedule of Expenditures of Federal Awards  
 Year ended June 30, 2022

Federal grantor/pass-through grantor/program title	Direct award or pass-through entity identification	Federal CFDA number	Passed through to subrecipients	Total federal expenditures
National Endowment for the Humanities:				
Promotion of the Humanities Challenge	Direct	45.130	\$ -	20,783
Museums for America	Direct	45.301	-	59,921
Other National Endowment for the Humanities Direct Subtotal			-	80,704
Promotion of the Arts Partnership Agreements	8/20/2021	45.025	-	7,500
Promotion of the Arts Partnership Agreements	Vt Arts CouCO19-FY22-4546	45.025	-	5,000
Subtotal			-	12,500
Promotion of the Humanities Federal/State Partnership	909	45.129	-	5,000
Promotion of the Humanities Federal/State Partnership	ARP-026	45.129	-	7,500
Subtotal			-	12,500
Other National Endowment for the Humanities Pass Through Subtotal			-	25,000
Other National Endowment for the Humanities Total			-	105,704
Small Business Administration				
Shuttered Venue Operators Grant Program	Direct	59.075	-	68,307
Other Small Business Administration Direct Subtotal			-	68,307
Other Small Business Administration Total			-	68,307
Department of Veterans Affairs:				
US Department of Veterans Affairs/VA	Direct	64.000	-	6,729
VA Supportive Services for Veteran Families Program	Direct	64.033	779,835	1,789,407
Other Department of Veterans Affairs Direct Subtotal			779,835	1,796,136
Other Department of Veterans Affairs Total			779,835	1,796,136
Environmental Protection Agency:				
Franklin County NRCDC	L-2020-001	66.000	-	6,625
Capitalization Grants for Drinking Water State Revolving Funds	35384	66.468	-	6,281
Rsch, Devlpmnt, Monitoring, Public Education, Outreach, Training, Demonstrations, and Studies	SA-2021-42	66.716	-	11,299
Rsch, Devlpmnt, Monitoring, Public Education, Outreach, Training, Demonstrations, and Studies	SA-2022-32	66.716	-	7,403
Subtotal			-	18,702
Other Environmental Protection Agency Pass Through Subtotal			-	31,608
Other Environmental Protection Agency Total			-	31,608
Department of Education:				
TRIO:				
TRIO Upward Bound	Direct	84.047A	-	284,800
Subtotal			-	284,800
Special Education				
Special Education - Personnel Dev to Improve Services and Results for Children with Disabilities	Direct	84.325K	-	260,568
Subtotal			-	260,568
COVID-19 – Education Stabilization Fund:				
COVID-19: Higher Education Emergency Relief Fund – Student Portion	Direct	84.425E	-	8,947,343
COVID-19: Higher Education Emergency Relief Fund – Institution Portion	Direct	84.425F	-	9,343,597
Subtotal			-	18,290,940
Other Department of Education Direct Subtotal			-	18,836,308
Migrant Education State Grant Program	4253R2192101-4253	84.011A	-	3,632
Migrant Education State Grant Program	4253R2192201	84.011A	-	412,475
Subtotal			-	416,107
Migrant Education High School Equivalency Program	31057New England HEP	84.141A	-	600
Migrant Education Coordination Program	4256R2192201	84.144A	-	33,675
Other Department of Education Pass Through Subtotal			-	450,382
Other Department of Education Total			-	19,286,690
Department of Health and Human Services:				
Area Health Education Centers	Direct	93.107	192,914	270,050
Maternal and Child Health Federal Consolidated Programs	Direct	93.110	16,552	527,539
Substance Abuse and Mental Health Services Projects of Regional and National Significance	Direct	93.243	-	124,054
University Centers for Excellence in Developmental Disabilities Education, Research, and Service	Direct	93.632	-	542,201
Mental and Behavioral Health Education and Training Grants	Direct	93.732	-	420,896
Other Department of Health and Human Services Direct Subtotal			209,466	1,884,740
Maternal and Child Health Federal Consolidated Program	10897sc	93.110	-	213,289
Emergency Medical Services for Children	UTA20-001238	93.127	-	2,626
Cooperative Agreements to States for the Coordination and Development of Primary Care Offices	003420-08915	93.130	-	21,792
Cooperative Agreements to States for the Coordination and Development of Primary Care Offices	03420-07998	93.130	-	(9)
Subtotal			-	21,783
Injury Prevention and Control Research and State and Community Based Programs	03420-09002	93.136	-	77,314
Injury Prevention and Control Research and State and Community Based Programs	03420-09052	93.136	-	44,285
Injury Prevention and Control Research and State and Community Based Programs	03420-08158	93.136	-	17,832
Subtotal			-	139,431

**UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE**

Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2022

<u>Federal grantor/pass-through grantor/program title</u>	<u>Direct award or pass-through entity identification</u>	<u>Federal CFDA number</u>	<u>Passed through to subrecipients</u>	<u>Total federal expenditures</u>
Grants to States for Loan Repayment	03420-08699	93.165	\$ -	22,500
Grants to States for Loan Repayment	03420-09217	93.165	-	160,000
Subtotal			-	182,500
Telehealth Programs	NETRC Sub	93.211	-	28,974
Health Center Program	10/20/2021	93.224	-	14,292
Substance Abuse and Mental Health Services Projects of Regional and National Significance	03420-08417	93.243	-	7,787
Immunization Cooperative Agreements	03420-09103	93.268	-	178,839
Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	03420-08788	93.323	-	60,009
Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	03420-09226	93.323	-	21,073
Subtotal			-	81,082
Improving the Health of Americans through Prev and Mgt of Diabetes and Heart Disease and Stroke	03420-08874	93.426	-	39,925
ACL Assistive Technology	42716	93.464	-	141,409
ACL Assistive Technology	33578	93.464	-	46,003
Subtotal			-	187,412
Foster Care Title IV-E	039946	93.658	-	22,406
Foster Care Title IV-E	41277	93.658	-	1,723,278
Subtotal			-	1,745,684
Adoption Assistance	039946	93.659	-	3,080
Adoption Assistance	41277	93.659	-	43,917
Subtotal			-	46,997
Child Abuse and Neglect State Grants	41277	93.669	-	10,068
Cancer Prevention and Control Programs for State, Territorial and Tribal Organizations	03420-08418	93.898	-	220
Cancer Prevention and Control Programs for State, Territorial and Tribal Organizations	03420-08914	93.898	-	31,643
Subtotal			-	31,863
Rural Health Care Serv Outreach, Rural Health Network Dev and Small Health Care Prov Quality Imp	44075	93.912	-	61,975
Rural Health Care Serv Outreach, Rural Health Network Dev and Small Health Care Prov Quality Imp	FTLF 7-2018 HF19-HF21	93.912	-	19,986
Subtotal			-	81,961
Maternal and Child Health Services Block Grant to the States	03420-09010	93.994	-	7,212
Other Department of Health and Human Services Pass Through Subtotal			-	3,021,725
Other Department of Health and Human Services Total			209,466	4,906,465
Department of Homeland Security:				
Disaster Grants - Public Assistance (Presidentially Declared Disasters)	Gooseneck Bend	97.036	-	7,063
Other Department of Homeland Security Pass Through Subtotal			-	7,063
Other Department of Homeland Security Total			-	7,063
Total Other Programs			989,301	29,456,235
Total Expenditures of Federal Awards			\$ 18,733,976	248,907,111

See accompanying independent auditors' report and notes to supplementary schedule of expenditures of federal awards.

**UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE**

Notes to Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2022

**(1) Basis of Presentation**

The accompanying supplementary schedule of expenditures of federal awards (the Schedule) includes the federal grant activity of University of Vermont and State Agricultural College (the University) and is presented on the accrual basis of accounting. The information in the Schedule is presented in accordance with the requirements of the cost principles contained in Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards*, wherein certain types of expenditures are not allowable or are limited as to reimbursement. Therefore, some amounts presented in the Schedule may differ from amounts presented in, or used in the preparation of, the basic financial statements. For the year ended June 30, 2022, the University's discretely presented components units did not administer any federal awards.

For purposes of the Schedule, and except as noted below, federal awards include all grants, contracts and similar agreements entered into directly between the University and agencies and departments of the federal government and all subawards to the University by nonfederal organizations pursuant to federal grants, contracts and similar agreements. Grants made from the University to other organizations are shown separately on the Schedule as passed through to subrecipients.

**(2) Loan Activity**

Loan activity under federal programs was as follows:

	<u>CFDA number</u>	<u>Outstanding balances at June 30, 2021</u>	<u>Disbursements in fiscal 2022</u>	<u>Outstanding balances at June 30, 2022</u>
Federal Perkins Loan Program	84.038	\$ 1,993,317	—	1,205,008
Health Professions Student Loans Program	93.342	14,694	—	9,466
Nursing Student Loans	93.364	<u>595,929</u>	<u>149,249</u>	<u>618,359</u>
Total federal loan programs		\$ <u>2,603,940</u>	\$ <u>149,249</u>	\$ <u>1,832,833</u>

The University received an allowance for administrative costs for the Federal Perkins Loan Program of \$190,082. Expenditures reported on the Schedule represent the outstanding balance at June 30, 2021 plus fiscal 2022 disbursements and the allowance for administrative costs. There were no disbursements of Federal Perkins Loans during the year ended June 30, 2022.

With respect to the Federal Direct Loan Program, the University is responsible only for the performance of certain administrative duties and, accordingly, these loans are not included in the University's financial statements. It is not practical to determine the balances of loans outstanding under this program at June 30, 2022.

## UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE

Notes to Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2022

### **(3) Direct and Indirect Federal Award Expenditures**

Federal award expenditures consist of direct and indirect costs, which are commonly referred to as facilities and administrative costs (F&A). Direct costs are those that can be readily identified with an individual federally sponsored project. The salary of a principal investigator of a sponsored research project and the materials consumed by the project are examples of direct costs.

Unlike direct costs, indirect costs cannot be readily identified with an individual federally sponsored project. Indirect costs are the costs of services and resources that benefit both sponsored and non-sponsored projects and activities. Indirect costs consist of expenses incurred for administration, library, plant maintenance, and building and equipment depreciation.

The University and federal agencies use an indirect cost rate to charge indirect costs to individual federally sponsored projects. The rate is a result of a number of complex cost allocation procedures that the University uses to allocate its indirect cost to both sponsored and non-sponsored activities. Rates are negotiated with and approved by the University's cognizant audit agency, the U.S. Department of Health and Human Services.

### **(4) Indirect Cost Rate**

The University has elected not to use the 10% de minimis indirect cost rate allowed under the Uniform Guidance.



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Colchester, VT 05446-9909

**Independent Auditors' Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance With *Government Auditing Standards***

The Honorable Douglas Hoffer,  
Auditor of Accounts, State of Vermont  
and

The Board of Trustees of the University of Vermont and State Agricultural College:

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the business-type activities and the aggregate discretely presented component units of the University of Vermont and State Agricultural College (collectively, the University, a component unit of the State of Vermont, and the related notes to the financial statements, which collectively comprise the University's basic financial statements as of June 30, 2022, and have issued our report thereon dated November 7, 2022. Our report includes a reference to other auditors who audited the financial statements of University Medical Education Association, Inc., a discretely presented component unit, as described in our report on the University's financial statements. This report does not include the results of the other auditor's testing of internal control over financial reporting or compliance and other matters that are reported on separately by those auditors.

**Report on Internal Control Over Financial Reporting**

In planning and performing our audit of the financial statements, we considered the University's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the University's internal control. Accordingly, we do not express an opinion on the effectiveness of the University's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A material weakness is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected, on a timely basis. A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses or significant deficiencies may exist that were not identified.

**Report on Compliance and Other Matters**

As part of obtaining reasonable assurance about whether the University's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the



financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under Government Auditing Standards.

**Purpose of This Report**

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the University's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

KPMG LLP

Colchester, Vermont  
November 7, 2022



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**Independent Auditors' Report on Compliance for Each Major Federal Program; Report on Internal Control Over Compliance; and Report on Supplementary Schedule of Expenditures of Federal Awards Required by the Uniform Guidance**

The Honorable Douglas Hoffer,  
Auditor of Accounts, State of Vermont  
and  
The Board of Trustees of University of Vermont and State Agricultural College:

**Report on Compliance for Each Major Federal Program**

*Opinion on Each Major Federal Program*

We have audited University of Vermont and State Agricultural College's (the University's) compliance with the types of compliance requirements identified as subject to audit in the *OMB Compliance Supplement* that could have a direct and material effect on each of the University's major federal programs for the year ended June 30, 2022. The University's major federal programs are identified in the summary of auditors' results section of the accompanying schedule of findings and questioned costs.

In our opinion, the University complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2022.

*Basis for Opinion on Each Major Federal Program*

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America (GAAS); the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States; and the audit requirements of Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Our responsibilities under those standards and the Uniform Guidance are further described in the Auditors' Responsibilities for the Audit of Compliance section of our report.

We are required to be independent of the University and to meet our other ethical responsibilities, in accordance with relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion on compliance for each major federal program. Our audit does not provide a legal determination of the University's compliance with the compliance requirements referred to above.

*Responsibilities of Management for Compliance*

Management is responsible for compliance with the requirements referred to above and for the design, implementation, and maintenance of effective internal control over compliance with the requirements of laws, statutes, regulations, rules and provisions of contracts or grant agreements applicable to the University's federal programs.



### *Auditors' Responsibilities for the Audit of Compliance*

Our objectives are to obtain reasonable assurance about whether material noncompliance with the compliance requirements referred to above occurred, whether due to fraud or error, and express an opinion on the University's compliance based on our audit. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS, *Government Auditing Standards*, and the Uniform Guidance will always detect material noncompliance when it exists. The risk of not detecting material noncompliance resulting from fraud is higher than for that resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Noncompliance with the compliance requirements referred to above is considered material if there is a substantial likelihood that, individually or in the aggregate, it would influence the judgment made by a reasonable user of the report on compliance about the University's compliance with the requirements of each major federal program as a whole.

In performing an audit in accordance with GAAS, *Government Auditing Standards*, and the Uniform Guidance, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material noncompliance, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the University's compliance with the compliance requirements referred to above and performing such other procedures as we considered necessary in the circumstances.
- Obtain an understanding of the University's internal control over compliance relevant to the audit in order to design audit procedures that are appropriate in the circumstances and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of the University's internal control over compliance. Accordingly, no such opinion is expressed.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and any significant deficiencies and material weaknesses in internal control over compliance that we identified during the audit.

### **Report on Internal Control Over Compliance**

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. A material weakness in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. A significant deficiency in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over compliance was for the limited purpose described in the Auditors' Responsibilities for the Audit of Compliance section above and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies in internal control over compliance. Given these limitations, during our audit we did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above. However, material weaknesses or significant deficiencies in internal control over compliance may exist that were not identified.



Our audit was not designed for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, no such opinion is expressed.

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Accordingly, this report is not suitable for any other purpose.

**Report on Supplementary Schedule of Expenditures of Federal Awards Required by the Uniform Guidance**

We have audited the business-type activities and aggregate discretely presented component units of the University, a component unit of the State of Vermont as of and for the year ended June 30, 2022 and the related notes which collectively comprise the University's basic financial statements, and have issued our report thereon dated November 7, 2022, which contained an unmodified opinion on those basic financial statements. Our audit was conducted for the purpose of forming an opinion on the basic financial statements as a whole. The accompanying supplementary schedule of expenditures of federal awards is presented for purposes of additional analysis as required by the Uniform Guidance and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with GAAS. In our opinion, the supplementary schedule of expenditures of federal awards is fairly stated, in all material respects, in relation to the financial statements as a whole.

*KPMG LLP*

February 27, 2023

**UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE**

Schedule of Findings and Questioned Costs

Year ended June 30, 2022

**(1) Summary of Auditors' Results**

*Financial Statements*

Type of auditors' report issued on whether the financial statements were prepared in accordance with U.S. generally accepted accounting principles:

Unmodified

Internal control over financial reporting:

- Material weakness(es) identified? \_\_\_\_\_ yes   X   no
- Significant deficiency(ies) identified that are not considered to be material weakness(es)? \_\_\_\_\_ yes   X   none reported

Noncompliance material to the financial statements noted?

\_\_\_\_\_ yes   X   no

*Federal Awards*

Internal control deficiencies over major programs:

- Material weakness(es) identified? \_\_\_\_\_ yes   X   no
- Significant deficiency(ies) identified that are not considered to be material weakness(es)? \_\_\_\_\_ yes   X   none reported

Type of auditors' report issued on compliance for major programs:

Unmodified

Audit findings disclosed that are required to be reported in accordance with 2 CFR?

\_\_\_\_\_ yes   X   no

*The University's major programs were as follows:*

<u>Name of federal program or cluster</u>	<u>CFDA numbers</u>
Research and Development Cluster	Various
COVID-19 – Education Stabilization Fund	84.425E & 84.425F

Dollar threshold used to distinguish between type A and type B programs:

\$3,000,000

Auditee qualified as low-risk auditee?

  X   yes \_\_\_\_\_ no

**UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE**

Schedule of Findings and Questioned Costs

Year ended June 30, 2022

**(2) Findings Relating to the Financial Statements Reported in Accordance with *Government Auditing Standards***

None.

**(3) Findings and Questioned Costs Relating to Federal Awards**

None.