## - QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES

 EXCHANGE ACT OF 1934For the quarterly period ended June 30, 2016

TRANSITION REPORT PURSUANT TO 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from $\qquad$ to $\qquad$

Commission File Number: 1-10526

## UNITED-GUARDIAN, INC.

(Exact Name of Registrant as Specified in Its Charter)

Delaware
(State or Other Jurisdiction of Incorporation or Organization)

11-1719724
(I.R.S. Employer Identification No.)

230 Marcus Boulevard, Hauppauge, New York 11788
(Address of Principal Executive Offices)
(631) 273-0900
$\overline{\text { (Registrant's Telephone Number) }}$

N/A
(Former name, former address and former fiscal year, if changed since last report)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the past 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past $\mathbf{9 0}$ days.

$$
\text { Yes } \square \quad \text { No }
$$

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes $\square \quad$ No $\square$

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See definitions of "large accelerated filer", "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer
Non-accelerated filer(Do not check if a smaller reporting company)
Accelerated filer
Smaller reporting company
■
Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act.)

YesNo $\nabla$

Indicate the number of shares outstanding of each of the issuer's classes of common stock, as of the latest practicable date:

4,594,319 shares of common stock, par value \$. 10 per share
(as of August 1, 2016)
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## Part I. FINANCIAL INFORMATION

## ITEM 1. Condensed Financial Statements

UNITED-GUARDIAN, INC.
STATEMENTS OF INCOME
(UNAUDITED)

|  | THREE MONTHS ENDED JUNE 30, |  |  |  | SIX MONTHS ENDED JUNE 30, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\underline{2016}$ |  | $\underline{2015}$ |  | $\underline{2016}$ |  | $\underline{2015}$ |
| Net sales | \$ | 2,139,165 | \$ | 4,124,091 | \$ | 4,401,741 | \$ | 8,496,484 |
| Costs and expenses: |  |  |  |  |  |  |  |  |
| Cost of sales |  | 1,007,666 |  | 1,403,942 |  | 1,905,391 |  | 3,083,144 |
| Operating expenses |  | 465,329 |  | 443,991 |  | 932,885 |  | 904,918 |
| Research and development |  | 157,895 |  | 156,541 |  | 335,461 |  | 322,849 |
| Total costs and expenses |  | 1,630,890 |  | 2,004,474 |  | 3,173,737 |  | 4,310,911 |
| Income from operations |  | 508,275 |  | 2,119,617 |  | 1,228,004 |  | 4,185,573 |
| Investment income |  | 82,906 |  | 72,894 |  | 126,218 |  | 126,348 |
| Income before income taxes |  | 591,181 |  | 2,192,511 |  | 1,354,222 |  | 4,311,921 |
| Provision for income taxes |  | 185,800 |  | 682,000 |  | 423,750 |  | 1,340,900 |
| Net Income | \$ | 405,381 | \$ | $\underline{1,510,511}$ | \$ | $\underline{\underline{930,472}}$ | \$ | $\underline{\underline{2,971,021}}$ |
| Earnings per common share |  |  |  |  |  |  |  |  |
| (Basic and Diluted) | \$ | . 09 | \$ | 0.33 | \$ | 0.20 | \$ | $\underline{0.65}$ |
| Weighted average shares - basic and diluted |  | 4.594 .319 |  | 4.596.439 |  | 4.594 .319 |  | 4.596.439 |

UNITED-GUARDIAN, INC.
STATEMENTS OF COMPREHENSIVE INCOME
(UNAUDITED)

|  | THREE MONTHS ENDED JUNE 30, |  |  |  | SIX MONTHS ENDED JUNE 30, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\underline{2016}$ |  | $\underline{2015}$ |  | $\underline{2016}$ |  | $\underline{2015}$ |
| Net income | \$ | 405,381 | \$ | 1,510,511 | \$ | 930,472 | \$ | $\underline{2,971,021}$ |
| Other comprehensive income (loss): |  |  |  |  |  |  |  |  |
| Unrealized gain (loss) on marketable securities during period |  | 123,417 |  | $(142,358)$ |  | 274,485 |  | $(43,488)$ |
| Income tax (cost) benefit related to other comprehensive income (loss) |  | $(41,961)$ |  | 48,402 |  | $(93,324)$ |  | 14,786 |
| Total other comprehensive income (loss), net of tax |  | 81,456 |  | $(93,956)$ |  | 181,161 |  | $(28,702)$ |
| Comprehensive income | \$ | 486,837 | \$ | $\underline{\underline{1,416,555}}$ | \$ | $\underline{\underline{1,111,633}}$ | \$ | $\underline{\underline{2,942,319}}$ |


| ASSETS |  | JUNE 30, <br> 2016 |  | $\begin{gathered} \text { DECEMBER 31, } \\ 2015 \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
|  |  | UNAUDITED) |  | (AUDITED) |
| Current assets: |  |  |  |  |
| Cash and cash equivalents | \$ | 252,957 | \$ | 1,080,489 |
| Marketable securities, at fair value |  | 10,622,033 |  | 10,719,470 |
| Accounts receivable, net of allowance for doubtful <br> accounts of $\$ 8,654$ at June 30, 2016 and <br> December 31, 2015 <br> 1,326,665 <br> 934,754 |  |  |  |  |
| Inventories (net) |  | 1,649,453 |  | 1,293,642 |
| Prepaid expenses and other current assets |  | 185,588 |  | 160,533 |
| Prepaid income taxes |  | 72,317 |  | 95,767 |
| Deferred income taxes |  | 233,305 |  | 233,305 |
| Total current assets |  | 14,342,318 |  | 14,517,960 |
| Property, plant and equipment: |  |  |  |  |
| Land |  | 69,000 |  | 69,000 |
| Factory equipment and fixtures |  | 4,292,634 |  | 4,175,940 |
| Building and improvements |  | 2,776,602 |  | 2,776,602 |
| Total property, plant and equipment |  | 7,138,236 |  | 7,021,542 |
| Less: Accumulated depreciation |  | 6,009,210 |  | 5,925,429 |
| Total property, plant and equipment, net |  | 1,129,026 |  | 1,096,113 |
| Other assets (net): $\quad$ TOTAL ASSETS |  | 66,707 |  | 74,118 |
|  | \$ | $\underline{\underline{15,538,051}}$ | \$ | $\underline{\underline{15,688,191}}$ |

## BALANCE SHEETS

(continued)

## LIABILITIES AND STOCKHOLDERS' EQUITY

|  | JUNE 30, <br> (UNAUDITED) | DECEMBER 31, <br> (AUDITED) |  |
| :--- | :---: | :---: | :---: |
| Current liabilities: | $\$$ | 95,695 | $\$$ |
| Accounts payable | $\mathbf{1 , 0 3 5 , 5 1 7}$ |  | 785,815 |
| Accrued expenses | $\underline{110,070}$ | $\underline{105,929}$ |  |
| Dividends payable | $\underline{1,241,282}$ | $\underline{988,367}$ |  |
| Total current liabilities | $\underline{211,334}$ | $\underline{118,010}$ |  |

## Commitments and contingencies

Stockholders' equity:
Common stock $\$ .10$ par value, authorized, $10,000,000$ shares; $4,594,319$ shares issued and outstanding at June 30, 2016 and December 31, 2015.

Accumulated other comprehensive income
Retained earnings
Total stockholders' equity

TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY

459,432
253,522
13,372,481
14,085,435
\$ 15,538,051

459,432
72,361
14,050,021
14,581,814
\$ 15,688,191

## STATEMENTS OF CASH FLOWS

(UNAUDITED)

|  |  | SIX MONTHS ENDED June 30, |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\underline{2016}$ |  | $\underline{2015}$ |  |
| Cash flows from operating activities: |  |  |  |  |
| Net income | \$ | 930,472 | \$ | 2,971,021 |
| Adjustments to reconcile net income to net cash provided by operating activities: |  |  |  |  |
| Depreciation and amortization |  | 91,192 |  | 85,972 |
| Realized loss (gain) on sale of investments |  | 3,268 |  | $(5,672)$ |
| Recovery of bad debt |  | --- |  | $(12,326)$ |
| (Decrease) increase in cash resulting from changes in operating assets and liabilities: |  |  |  |  |
| Accounts receivable |  | $(391,911)$ |  | $(438,706)$ |
| Inventories |  | $(355,811)$ |  | 94,389 |
| Prepaid expenses and other current assets |  | $(25,055)$ |  | $(29,602)$ |
| Prepaid income taxes |  | 23,450 |  | 8,649 |
| Accounts payable |  | $(1,120)$ |  | 36,922 |
| Accrued expenses |  | 249,894 |  | 350,666 |
| Net cash provided by operating activities |  | 524,379 |  | 3,061,313 |
| Cash flows from investing activities: |  |  |  |  |
| Acquisition of property, plant and equipment |  | $(116,694)$ |  | $(24,785)$ |
| Proceeds from sale of marketable securities |  | 1,058,155 |  | 2,018,166 |
| Purchase of marketable securities |  | $(689,501)$ |  | ( $2,920,812$ ) |
| Net cash provided by (used in) investing activities |  | 251,960 |  | $(927,431)$ |
| Cash flows from financing activities: |  |  |  |  |
| Dividends paid |  | $(1,603,871)$ |  | (2,298,219) |
| Net cash used in financing activities |  | $(1,603,871)$ |  | (2,298,219) |
| Net decrease in cash and cash equivalents |  | $(827,532)$ |  | $(164,337)$ |
| Cash and cash equivalents at beginning of period |  | 1,080,489 |  | 2,023,383 |
| Cash and cash equivalents at end of period | \$ | $\underline{\underline{252,957}}$ | \$ | 1,859,046 |
| Supplemental disclosure of cash flow information |  |  |  |  |
| Taxes paid | \$ | $\underline{\text { 400,300 }}$ | \$ | $\underline{\underline{1,150,000}}$ |

# NOTES TO CONDENSED FINANCIAL STATEMENTS 

(UNAUDITED)

1. Nature of Business

United-Guardian, Inc. (the "Company") is a Delaware corporation that, through its Guardian Laboratories division, conducts research, product development, manufacturing and marketing of cosmetic ingredients and other personal care products, pharmaceuticals, medical and health care products and proprietary specialty industrial products.
2. Basis of Presentation

Interim financial statements of the Company are prepared in accordance with Generally Accepted Accounting Principles ("GAAP") in the United States of America for interim financial information, pursuant to the requirements for reporting on Form 10-Q and Regulation SX. In the opinion of management, all adjustments, consisting solely of normal recurring accruals, considered necessary for the fair presentation of financial statements for the interim periods have been included. The results of operations for the three- and six-month periods ended June 30, 2016 (also referred to as the "second quarter of 2016" and the "first half of 2016", respectively) are not necessarily indicative of results that ultimately may be achieved for any other interim period or for the year ending December 31, 2016. The interim unaudited financial statements and notes thereto should be read in conjunction with the audited financial statements and notes thereto contained in our Annual Report on Form 10-K for the year ended December 31, 2015.
3. Reclassification of Prior Presentation

Research and development costs have been reclassified for consistency with the current period presentation. This reclassification had no effect on the reported income from operations. During the third quarter of 2015 the Company concluded that it was more appropriate to reclassify these costs as a separate line item in the statements of income. Previously, such costs were included with operating expenses.
4. Investments

The fair values of the Company's marketable securities are determined in accordance with GAAP, with fair value being defined as the amount that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants. As such, fair value is a market-based measurement that should be determined based on assumptions that market participants would use in pricing an asset or liability. As a basis for considering such assumptions, the Company utilizes the three-tier value hierarchy, as prescribed by GAAP, which prioritizes the inputs used in measuring fair value, as follows:

- Level 1 - inputs to the valuation methodology are quoted prices (unadjusted) for identical assets or liabilities in active markets.
- Level 2 - inputs to the valuation methodology include quoted prices for similar assets and liabilities in active markets, and inputs that are observable for the asset or liability, either directly or indirectly, for substantially the full term of the financial instrument.
- Level 3 - inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The following available-for-sale securities, which comprise all the Company's marketable securities, are re-measured to fair value on a recurring basis and are valued using Level 1 inputs, which are quoted prices (unadjusted) for identical assets in active markets:

| June 30, 2016 (Unaudited) |  | Cost |  | Fair Value |  | Unrealized Gain |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Available for sale: |  |  |  |  |  |  |
| Fixed income mutual funds | \$ | 9,582,765 | \$ | 9,751,271 | \$ | 221,687 |
| Equity and other mutual funds |  | 655,145 |  | 870,762 |  | 162,436 |
|  | \$ | $\underline{\underline{10,237,910}}$ | \$ | $\underline{\underline{10,622,033}}$ |  | $\underline{\underline{384,123}}$ |
| December 31, 2015 (Audited) |  | Cost |  | Fair Value |  | Unrealized <br> Gain (Loss) |
| Available for Sale: |  |  |  |  |  |  |
| Fixed income mutual funds | \$ | 9,968,948 | \$ | 9,900,587 | \$ | $(68,361)$ |
| Equity and other mutual funds |  | 640,884 |  | 818,883 |  | 177,999 |
|  | \$ | $\underline{\underline{10,609,832}}$ | \$ | $\underline{\underline{10,719,470}}$ |  | $\underline{\underline{109,638}}$ |

Proceeds from the sale and redemption of marketable securities amounted to $\$ 1,058,155$ for the first half of 2016 , which included realized losses of $\$ 3,268$. Proceeds from the sale and redemption of marketable securities amounted to $\$ 2,018,166$ for the first half of 2015 , which included realized gains of $\$ 5,672$.

Investment income consisted principally of unrealized and realized gains and losses and dividend income from bond funds, mutual funds, and money market funds.

Marketable securities include investments in fixed income and equity mutual funds and government securities which are classified as "available-for-sale" securities and are reported at their fair values. Unrealized gains and losses on "available-for-sale" securities are reported as accumulated other comprehensive income (loss) in stockholders' equity, net of the related tax effects. Investment income is recognized when earned. Realized gains and losses on sales of investments are determined on a specific identification basis.
5. Inventories

|  | $\begin{aligned} & \text { June 30, } \\ & \text { (Unaudited) } \end{aligned}$ |  | December 31 |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\underline{2015}$ |
| Inventories consist of the following: |  |  |  |  |
| Raw materials | \$ | 329,438 | \$ | 334,320 |
| Work in process |  | 47,862 |  | 44,836 |
| Finished products |  | 1,272,153 |  | 914,486 |
|  | \$ | $\underline{\underline{1,649,453}}$ | \$ | 1,293,642 |

Inventories are valued at the lower of cost or current market value. Cost is determined using the average cost method, which approximates cost determined by the first-in, first-out ("FIFO") method. Finished product inventories at June 30, 2016 and December 31, 2015 are stated net of a reserve of $\$ 20,000$ for slow-moving or obsolete inventory.
6. Income Taxes

The Company's tax provision is based on its estimated annual effective rate. The Company continues to fully recognize its tax benefits, which are offset by a valuation allowance to the extent that it is more likely than not that the deferred tax assets will not be realized. As of June 30, 2016 and December 31, 2015, the Company did not have any unrecognized tax benefits.
7. Comprehensive Income

Accumulated other comprehensive income comprises unrealized gains and losses on marketable securities net of the related tax effect.

| Changes in Accumulated Other Comprehensive Income | $\frac{\text { June 30, } 2016}{\text { (Unaudited) }}$ | $\frac{\text { December 31,2015 }}{\text { (Audited) }}$ |
| :---: | :---: | :---: |
| Beginning balance - net of tax | \$ 72,361 | \$ 259,869 |
| Unrealized (loss)/gain on marketable securities before reclassifications - net of tax | 184,429 | $(189,903)$ |
| Realized gain/(loss) on sale of securities reclassified from accumulated other comprehensive income | $(3,268)$ | 2,395 |
| Ending balance - net of tax | \$ 253,522 | \$ $\underline{\underline{72,361}}$ |
| efined Contribution Plan |  |  |
| The Company sponsors a $401(\mathrm{k})$ defined contribution plan ("DC Plan") that provides for a dollar-or-dollar employer matching contribution of the first $4 \%$ of each employee's pay that is deferred by the employee. Employees become fully vested in employer matching contributions after one year of employment. In addition, the Company has been accruing \$175,000 per year (\$43,750 per quarter) toward the payment of a discretionary $401(\mathrm{k})$ contribution that is apportioned among all mployees using a "pay-to-pay" safe harbor formula in accordance with IRS regulations. For the hree- and six-month periods ended June 30, 2016 and 2015, the Company had accrued for discretionary contributions of $\$ 43,750$ and $\$ 87,500$, respectively, to the DC Plan. In the first half f 2016 and 2015, the Company did not make any discretionary contributions to the DC Plan. |  |  |

(Unaudited)
\$ 72,361

184,429
$(3,268)$
$\$ \underline{\underline{253,522}}$

December 31,2015 (Audited)
\$ 259,869
$(189,903)$
$\underline{2,395}$
$\$ \underline{\underline{72,361}}$

## 8. Defined Contribution Plan

The Company sponsors a $401(k)$ defined contribution plan ("DC Plan") that provides for a dollar-for-dollar employer matching contribution of the first 4\% of each employee's pay that is deferred by the employee. Employees become fully vested in employer matching contributions after one year of employment. In addition, the Company has been accruing \$175,000 per year (\$43,750 per quarter) toward the payment of a discretionary $401(\mathrm{k})$ contribution that is apportioned among all employees using a "pay-to-pay" safe harbor formula in accordance with IRS regulations. For the three- and six-month periods ended June 30, 2016 and 2015, the Company had accrued for discretionary contributions of $\$ 43,750$ and $\$ 87,500$, respectively, to the DC Plan. In the first half of 2016 and 2015, the Company did not make any discretionary contributions to the DC Plan.
9. Related-Party Transactions

During the first half of 2016 and 2015, the Company paid to Bonamassa, Maietta and Cartelli, LLP $\$ 10,000$ and $\$ 8,000$, respectively, for accounting and tax services. Lawrence Maietta, a partner in Bonamassa, Maietta and Cartelli, LLP, is a director of the Company.

Accrued Expenses

|  |  | $\begin{aligned} & \text { June } 30 \text {, } \\ & \text { (Unaudited) } \end{aligned}$ | $\begin{aligned} & \text { December 3 } \\ & \underline{2015} \\ & \text { (Audited) } \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| Bonuses | \$ | 397,917 | \$ | 250,000 |
| 401k plan contributions |  | 87,500 |  | --- |
| Distribution fees |  | 210,989 |  | 206,977 |
| Payroll and related expenses |  | 140,128 |  | 109,451 |
| Annual report expenses |  | 38,092 |  | 66,000 |
| Audit fee |  | 37,568 |  | 82,000 |
| Other |  | 123,323 |  | 71,195 |
| Total Accrued Expenses |  | 1,035,517 | \$ | $\underline{\underline{785,623}}$ |

## Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations.

## FORWARD-LOOKING STATEMENTS

Statements made in this Form 10-Q which are not purely historical are forward-looking statements with respect to the goals, plans, objectives, intentions, expectations, financial condition, results of operations, future performance and business of the Company. Forward-looking statements may be identified by the use of such words as "believes", "may", "will", "should", "intends", "plans", "estimates", "anticipates", or other similar expressions.

Forward-looking statements involve inherent risks and uncertainties, and important factors (many of which are beyond our control) could cause actual results to differ materially from those set forth in the forward-looking statements. In addition to those specific risks and uncertainties set forth in the Company's reports currently on file with the SEC, some other factors that may affect the future results of operations of the Company are: the development of products that may be superior to those of the Company; changes in the quality or composition of the Company's products; lack of market acceptance of the Company's products; the Company's ability to develop new products; general economic or industry conditions; changes in intellectual property rights; changes in interest rates; new legislation or regulatory requirements; conditions of the securities markets; the Company's ability to raise capital; changes in accounting principles, policies or guidelines; financial or political instability; acts of war or terrorism; and other economic, competitive, governmental, regulatory and technical factors that may affect the Company's operations, products, services and prices.

Accordingly, results actually achieved may differ materially from those anticipated as a result of such forward-looking statements, and those statements speak only as of the date they are made.

The Company does not undertake, and specifically disclaims, any obligation to update any forward-looking statements to reflect events or circumstances occurring after the date of such statements.

## OVERVIEW

The Company is a Delaware corporation that, through its Guardian Laboratories division, conducts research, product development, manufacturing and marketing of cosmetic ingredients, personal and health care products, pharmaceuticals, medical products, and proprietary specialty industrial products. All of the products that the Company manufactures, with the exception of RENACIDIN ${ }^{\circledR}$, are produced at its facility in Hauppauge, New York, and are marketed through marketing partners, distributors, wholesalers, direct advertising, mailings, and trade exhibitions. Its most important product line is its LUBRAJEL ${ }^{\circledR}$ line of water-based moisturizing and lubricating gels, which are used primarily as ingredients in cosmetic products, as well as medical lubricants. The Company's research and development department is actively working on the development of new products to expand the Company's line of personal care products. Some of the Company's products have patent protection, and others are produced using proprietary manufacturing processes.

The Company's personal care products are marketed worldwide by six marketing partners, of which Ashland Specialty Ingredients ("ASI") purchases the largest volume of products from the Company. Approximately $37 \%$ of the Company's products are sold, either directly or through the Company's marketing partners, to end users located outside of the United States.

The Company also sells two pharmaceutical products for urological uses. Those products are sold primarily in the United States through the major drug wholesalers, which in turn sell the products to pharmacies, hospitals, nursing homes and other long-term care facilities, and to government agencies, primarily the United States Department of Veterans Affairs.

The Company's non-pharmaceutical medical products (referred to hereinafter as "medical products"), such as its catheter lubricants, as well as its specialty industrial products, are sold directly by the Company to the end users or to contract manufacturers utilized by the end users, although they are available for sale on a non-exclusive basis by its marketing partners, as well.

While the Company does have competition in the marketplace for some of its products, particularly its cosmetic ingredients, some of its pharmaceutical and medical products have some unique characteristics, and do not have direct competitors. However, these products may have indirect competition from other products that are not marketed as direct competitors to the Company's products but may have similar functions or properties to the Company's products.

The Company recognizes revenue when products are shipped, title and risk of loss pass to the customers, persuasive evidence of a sales arrangement exists, and collections are reasonably assured. An allowance for returns, based on historical experience, is taken as a reduction of sales within the same period the revenue is recognized.

Over the years the Company has been issued many patents and trademarks and intends, whenever possible, to make efforts to obtain patents in connection with its product development program. Most of the patents that the Company has been issued have expired; however, the Company does not believe that the expiration of those patents will have any material effect on its sales, since the Company's most important products rely on trade secrets and proprietary manufacturing methods rather than patent protection.

## CRITICAL ACCOUNTING POLICIES

As disclosed in the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2015, the discussion and analysis of the Company's financial condition and results of operations are based on its financial statements, which have been prepared in conformity with GAAP. The preparation of those financial statements required the Company to make estimates and assumptions that affect the carrying value of assets, liabilities, revenues and expenses reported in those financial statements. Those estimates and assumptions can be subjective and complex, and consequently actual results could differ from those estimates and assumptions. The Company's most critical accounting policies relate to revenue recognition, concentration of credit risk, investments, inventory, and income taxes. Since December 31, 2015, there have been no significant changes to the assumptions and estimates related to those critical accounting policies.

The following discussion and analysis covers material changes in the financial condition of the Company since the year ended December 31, 2015, and a comparison of the results of operations for the second quarter of 2016 and 2015, and the first half of 2016 and 2015. This discussion and analysis should be read in conjunction with "Management's Discussion and Analysis or Plan of Operation" included in the Company's Annual Report on Form 10-K for the year ended December 31, 2015.

## RESULTS OF OPERATIONS

## Net Sales

Net sales for the second quarter of 2016 decreased by $\$ 1,984,926$ (48.1\%) when compared with the same period in 2015. Net sales for the first half of 2016 decreased by $\$ 4,094,743$ (48.2\%) as compared with the corresponding period in 2015 . The changes in net sales for both the second quarter of 2016 and the first half of 2016 were attributable to changes in sales of the following product lines:
(a) Personal care products: For the second quarter of 2016 the Company's sales of personal care products decreased by $\$ 2,169,373$ (68.6\%) when compared with the second quarter of 2015, and for the first half of 2016 the Company's sales of personal care products decreased by $\$ 4,544,993(68.7 \%)$ when compared with the same period in 2015 . The decreases in sales in both periods were due primarily to decreases in shipments of the Company's extensive line of personal care products to ASI, the Company's largest marketing partner. Sales to ASI alone decreased by $77.4 \%$ and $77.1 \%$ for the three-month and six-month periods, respectively, ended June 30, 2016, compared with the corresponding periods in 2015. The Company has been informed by ASI that this decline in purchases was almost entirely the result of (1) overly optimistic order forecasts by some of ASI's customers in China, which resulted in ASI purchasing more inventory than it needed, and (2) a regulatory issue in China that was unrelated to the Company's LUBRAJEL product but which resulted in temporarily curtailing the production of some cosmetic products that included LUBRAJEL as one of their ingredients. The regulatory issue involved the use of an ingredient other than LUBRAJEL that was not approved in China, and the companies that had been marketing those products are in the process of reformulating them to comply with Chinese regulations. As a result of this regulatory issue, as well as the overly optimistic sales forecasts by some of ASl's customers, ASI accumulated significant excess inventory that it has gradually been working off. ASI has further informed the Company that based upon the current forecasts that ASI is receiving from its customers in China, ASI's purchases of LUBRAJEL for China are expected to resume at
the end of the third quarter or beginning of the fourth quarter of 2016, but the Company anticipates that sales levels will be lower than they had been in the third quarter of 2015 and for the first 9 months of 2015. The Company is working closely with ASI to rebuild sales of LUBRAJEL in China. In addition, the Company is evaluating other ways in which it can increase global sales of its personal care products, and be as competitive as possible in light of the additional competition that the Company has experienced in the personal care market over the past 2-3 years.

Sales of the Company's personal care products to the Company's five other marketing partners for the second quarter of 2016 decreased by a net of \$106,731 (24.1\%) compared with the second quarter of 2015, and decreased by a net $\$ 85,056$ (10.5\%) for the first six months of 2016 compared with the same period in 2015. In each of those periods, increases in sales to two of the distributors were offset by decreases to three others, with the largest change being attributable to the Company's Korean marketing partner, whose sales decreased by $\$ 97,075$ ( $34.9 \%$ ) for the second quarter of 2016 compared with the second quarter of 2015, and by $\$ 211,884$ (48.2\%) for the first half of 2016 compared with the same period in 2015. That marketing partner had experienced unusually strong sales in the first half of 2015 that were not repeated in the first half of 2016, with some of that reduction being attributable to the timing of orders.

In the second quarter of 2016 sales to the Company's marketing partners in the United Kingdom and Italy increased, while sales to its marketing partners in France and Switzerland decreased, resulting in a net decrease in sales of \$9,656 (5.9\%) compared with the second quarter of 2015. For the six months ended June 30, 2016 sales to the Company's marketing partners in the United Kingdom and France increased, while sales to its marketing partners in Italy and Switzerland decreased, resulting in a net increase in sales of \$126,828 (34\%) compared with the same period in 2015.

The Company's sales in Western Europe continue to be negatively impacted by (a) the continuing economic problems in Europe; (b) the strong U.S. dollar relative to the Euro, which has made the Company's products less competitive in Europe, and (c) increased competition. For the past few years the Company has been experiencing additional competition from Asian companies selling imitations of the Company's products at much lower prices, particularly a Korean company that is manufacturing imitations of the Company's products in China. This has resulted in a loss of some business to these competitive products. As a result, from time to time it has been necessary, and will continue to be necessary, for the Company to lower its prices in specific cases in order to retain or attract customers, and this has impacted its profit margins on those sales. The Company intends to continue to work with its marketing partners to take whatever steps are necessary to try to recover the business it has lost to these lowerpriced products, including continuing to reduce prices on a case by case basis, as needed, in order to remain as competitive as possible.
(b) Pharmaceuticals: Pharmaceutical sales increased by $\$ 254,505$ (59.6\%) in the second quarter of 2016 compared with the same period in 2015, and by $\$ 359,186(41.9 \%)$ in the first six months of 2016 compared with the same period in 2015. These increases were due primarily to a $\$ 241,967$ ( $79.1 \%$ ) increase in sales of RENACIDIN in the second quarter of 2016 compared with the same period in 2015. This was due to the introduction of a new 30 mL container in early April. Because of two prior RENACIDIN production curtailments by the Company's previous contract manufacturer, the volume of RENACIDIN being sold is still below historical levels but has been increasing. In December 2015 the Company received
approval by the U.S. Food and Drug Administration to market RENACIDIN in a new, easy-touse single-dose plastic 30 mL bottle, which replaced the older 500 mL glass bottle that it had been selling for many years. Sales of the new 30 mL bottle started at the beginning of April 2016, and since that time the Company has experienced a steady increase in RENACIDIN sales. The Company has been actively promoting the new product to urologists, pharmacists and patients.
(c) Medical (non-pharmaceutical) products: Sales of the Company's medical products decreased by $\$ 23,473$ ( $4.5 \%$ ) for the second quarter of 2016 , and increased by $\$ 127,817$ ( $12.2 \%$ ) for the first half of 2016 compared with the same periods in 2015 . The changes in medical product sales were primarily attributable to the ordering patterns of the Company's customers for these products.
(d) Industrial and other products: Sales of the Company's industrial products, as well as other miscellaneous products, decreased by $\$ 25,371$ (41.1\%) and decreased by $\$ 7,566$ (8.9\%) for the three and six months, respectively, ended June 30, 2016, when compared with the corresponding periods ended June 30, 2015. These changes are attributable to customer ordering patterns.

In addition to the above changes in sales, net sales allowances increased by $\$ 20,826$ for the three months and increased by $\$ 30,073$ for the six months, respectively, ended June 30, 2016, when compared with the corresponding periods in 2015. The increase for the three-month period and decrease for the six-month period were both due primarily to increases or decreases in chargebacks paid to the U.S. Department of Veterans Affairs and allowances for distribution fees.

## Cost of Sales

For the second quarter of 2016, cost of sales as a percentage of sales increased to $47.1 \%$, from $34.0 \%$ in the second quarter of 2015. Cost of sales as a percentage of sales increased to $43.3 \%$ for the first half of 2016, from $36.3 \%$ for the comparable period in 2015. The increases for the second quarter of 2016 and for the first half of 2016 were primarily the result of a higher percentage of the Company's sales for those periods coming from its pharmaceutical products, primarily RENACIDIN, which is manufactured for the Company by a third party manufacturer and, for that reason, has a lower margin than many of the Company's other products.

## Operating Expenses

Operating expenses, consisting of selling, general and administrative expenses, increased by $\$ 21,338$ (4.8\%) for the second quarter of 2016 compared with the comparable quarter in 2015 , and increased by $\$ 27,967$ ( $3.1 \%$ ) for the first half of 2016 compared with the first half of 2015 . The increases in operating expenses were primarily attributable to some additional expenses for advertising and sales promotions for its new single-dose form of RENACIDIN. Operating expenses are expected to remain relatively consistent.

## Research and Development Expenses

Research and development expenses increased by $\$ 1,354$ ( $0.9 \%$ ) for the second quarter of 2016 compared with the second quarter of 2015, and by $\$ 12,612$ (3.9\%) for the first half of 2016 compared with the same period in 2015 . The increases relate to increases in payroll and payrollrelated expenses.

## Investment Income

Investment income increased by $\$ 10,012$ for the second quarter of 2016 compared with the comparable quarter of 2015, and decreased by $\$ 130$ for the first half of 2016 compared with the first half of 2015. These increases were mainly due to fluctuations in dividend income from both stock and bond mutual funds.

## Provision for Income Taxes

The Company's effective income tax rate remained approximately $31.0 \%$ for all periods presented, and is expected to remain consistent for the current fiscal year.

## LIQUIDITY AND CAPITAL RESOURCES

Working capital decreased from \$13,529,593 at December 31, 2015 to $\$ 13,101,036$ at June 30, 2016, a decrease of $\$ 428,557$. The current ratio decreased from 14.7 to 1 at December 31, 2015 to 11.6 to 1 at June 30, 2016. The decrease in working capital was primarily due to a decrease in marketable securities and an increase in accrued expenses. The decrease in the current ratio was primarily due to the increase in accrued expenses. The increase in accrued expenses was due to an increase in accruals for payroll and payroll-related expenses.

The Company believes that its working capital is, and will continue to be, sufficient to support its operating requirements for at least the next twelve months. The Company does not expect to incur any significant capital expenditures for the remainder of 2016.

The Company generated cash from operations of $\$ 524,379$ and $\$ 3,061,313$ for the first half of 2016 and 2015, respectively. The decrease was primarily due to the decrease in net income.

Cash provided by investing activities for the first half of 2016 was $\$ 251,960$, and cash used in investing activities in the first half of 2015 was $\$ 927,431$. This increase was primarily due to a decrease in the purchases of marketable securities in the first half of 2016 compared with the comparable period in 2015.

Cash used in financing activities was $\$ 1,603,871$ and $\$ 2,298,219$ for the first half of 2016 and 2015, respectively. This decrease was mainly due to a decrease in dividends paid per share from $\$ 0.50$ per share in 2015 to $\$ 0.35$ per share in 2016.

The Company expects to continue to use its cash to make dividend payments, to purchase marketable securities, and to take advantage of other opportunities that are in the best interest of the Company and its shareholders, should they arise.

## OFF BALANCE SHEET ARRANGEMENTS

The Company has no off balance sheet transactions that have, or are reasonably likely to have, a current or future effect on the Company's financial condition, changes in financial condition, revenues or expenses, results of operations, liquidity, capital expenditures or capital resources.

## CONTRACTUAL OBLIGATIONS AND COMMITMENTS

The information to be reported under this item is not required of smaller reporting companies.

## Item 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK.

The information to be reported under this item is not required of smaller reporting companies.

## Item 4. CONTROLS AND PROCEDURES.

(a) DISCLOSURE CONTROLS AND PROCEDURES

The Company's management, including its Principal Executive Officer and Chief Financial Officer, has evaluated the design, operation, and effectiveness of the Company's disclosure controls and procedures pursuant to Rule 13a-15 under the Securities Exchange Act of 1934 (the "Exchange Act"). There are inherent limitations to the effectiveness of any system of disclosure controls and procedures, including the possibility of human error and the circumvention or overriding of the controls and procedures. Accordingly, even effective disclosure controls and procedures can only provide reasonable assurance of achieving their control objectives. Based upon the evaluation performed by the Company's management, including its Principal Executive Officer and Chief Financial Officer, it was determined that, as of the end of the period covered by this quarterly report, the Company's disclosure controls and procedures were effective in providing reasonable assurance that information required to be disclosed in the reports filed or submitted pursuant to the Exchange Act is recorded, processed, summarized, and reported within the time periods specified in the rules and forms of the SEC, and that such information is accumulated and communicated to the Company's management, including its Principal Executive Officer and Chief Financial Officer, or persons performing similar functions, as appropriate, to allow timely decisions regarding disclosures.

## (b) CHANGES IN INTERNAL CONTROL OVER FINANCIAL REPORTING

The Company's Principal Executive Officer and Chief Financial Officer have determined that, during the period covered by this quarterly report, there were no changes in the Company's internal control over financial reporting that materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting. They have also concluded that there were no significant changes in the Company's internal controls after the date of the evaluation.

## PART II - OTHER INFORMATION

## ITEM 1. LEGAL PROCEEDINGS.

NONE

ITEM 1A. RISK FACTORS.
The information to be reported under this item is not required of smaller reporting companies.

# ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS. 

NONE

ITEM 3. DEFAULTS UPON SENIOR SECURITIES.
NONE

ITEM 4. MINE SAFETY DISCLOSURES.
NONE

ITEM 5. OTHER INFORMATION.
NONE

## ITEM 6. EXHIBITS.

31.1 Certification of Kenneth H. Globus, President and Principal Executive Officer of the Company, pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
31.2 Certification of Robert S. Rubinger, Chief Financial Officer of the Company, pursuant to Section 302 of the Sarbanes-Oxley Act of 2002

32 Certifications of the Principal Executive Officer and Chief Financial Officer of the Company, pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.

## SIGNATURES

In accordance with the requirements of the Securities Exchange Act of 1934, the Company has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

UNITED-GUARDIAN, INC.
(Registrant)

By: IS/ KENNETH H. GLOBUS
Kenneth H. Globus
President

Date: August 9, 2016
By: /S/ ROBERT S. RUBINGER
Robert S. Rubinger
Chief Financial Officer

