By Todd L. Savitt, Ph.D.
University Health Systems of Eastern Carolina
Department of Medical Humanities, The Brody
School of Medicine at East Carolina University

In the November 1910 issue of "Archives of Internal Medicine," James B. Herrick of Chicago reported on "Peculiar Elongated and Sickle-Shaped Red Blood Corpuscles in a Case of Severe Anemia." Three short months later, in the February 1911 issue of the "Virginia Medical Semi-Monthly," an author identified erroneously as "R.E. Washburn, University of Virginia" (it should have read "B.E. Washburn") published a case report citing Herrick's article and using precisely the same descriptive title as Herrick. These two reports introduced modern medicine to the disorder that came to be known as sickle cell anemia (SCA). Who were the people involved?

When the "SS Cearense" docked in New York on September 15, 1904, after an eight-day voyage from Barbados, one of its passengers had a medical problem. A sore on the ankle of a 20-year-old Grenadian, Walter Clement Noel, had become quite painful. He sought help from a physician in New York. Time and iodine healed his wound, leaving a scar similar to others on his limbs. He continued his journey to Chicago.

Around Thanksgiving Day, Noel, then a first-year dental student at the Chicago College of Dental Surgery (CCDS), developed severe respiratory problems. He coped with these symptoms until the day after Christmas, when he walked, weak and dizzy, across the street from his lodgings to Presbyterian Hospital. There Dr. Ernest E. Irons, a 27-year-old intern, obtained a history and performed routine physical, blood, and urine examinations. He noticed that Noel's blood smear contained "many pear-shaped and elongated forms--some small," and alerted his attending physician, Dr. Herrick, of the unusual blood findings. In his next blood examination report, on December 31, Irons drew a rough sketch of these erythrocytes--the first pictures of sickled cells.

For the next two years Herrick and Irons followed Noel through several episodes of severe illness as he continued his dental studies, but never could confirm a diagnosis for Noel's illness. In May 1910, three years after losing track of their patient (who had graduated from CCDS and returned to Grenada to practice

Continued on Inside Back Cover
A Letter from the Board Chairman,

The American Sickle Cell Anemia Association continues to appreciate the support that it receives from its affected consumers, donors, and funders as we submit our 2009 Annual Report to the community.

We have much to be proud of, especially in view of the challenging funding community which all nonprofits are experiencing. We continue to be fiscally stable. In 2009 we provided education, testing, counseling, and supportive services for more than 7,550 individuals and families at risk. Our C.H.A.M.P.P.S. program for children and their families continues to serve a unique need by providing activities tailored specifically for those impacted by the disease. The professional staff of ASCAA is recognized and used by the community at large for its expertise and work in the field of sickle cell disease.

The Cleveland Clinic continues to be one of our most important partners. They contribute to our program’s ongoing stability and our ability to serve our community. This year they will be relocating our offices from the EE office building to a new location on the Cleveland Clinic campus, to be announced.

We salute the Cleveland Clinic!

We look forward to the future with enthusiasm. We encourage you to continue your investment in our organization.

Sincerely,

Pamela Bradford

Mrs. Pamela Bradford  L.I. S.W.  B.C.D.
C.S.W.M.
ASCAA Board Chairman

---

Board of Trustees
Ms. Pamela Bradford,  
   Board Chair
Dr. Anthony Stallion,  
   Vice President
Ms. Judy Montfort,  
   Secretary
Dr. Mark Worford,  
   Treasurer
Mr. Ed Scott,  
   Vice Treasurer
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Ms. Jessica Cartagena  
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Mr. William Lewis  
Ms. Debra Mardenborough-White

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Ms. Yolanda Taylor  
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Mr. Gary Williams, Attorney

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Dr. Andrew Fishteder  
Dr. Harold Ford  
Dr. George Hoffman  
Dr. Edgar Jackson  
George Jackson, Ph.D  
Mr. Herman Leggon  
Dr. John Lewis  
(Posthumous)  
Mrs. Anita Polk  
(Posthumous)  
Dr. Clifton Turner  
(Posthumous)  
Dr. Lewis Wright

ASCAA Staff
Mrs. Ira Bragg-Grant,  
   Executive Director
Mrs. Leslie Carter, Newborn Screening Coordinator  
Mr. Gilberto Pena, Hispanic Outreach Coordinator  
Ms. Lindsay Kaman, Health Education Coordinator  
Ms. Charlotte Martin,  
   Receptionist
Mr. Robert King, Courier  
Mr. Larry Osayamwen,  
   CPA/Accountant
Ms. Jackie Guy,  
   NCBA Clerical
Ms. Thresa Curry,  
   NCBA Clerical
ASCAA Services

Newborn Screening and Testing:
ASCAA provides vital testing for newborns, parents, Head Start centers, and the general public. ASCAA currently tests more than 3,500 individuals annually.

C.H.A.M.P.P.S.:
C.H.A.M.P.P.S., which stands for Choosing Health Awareness Mobility Personal Power and Success, is a youth program designed for children and teens with sickle cell disease.

Counseling:
ASCAA provides in-house and community outreach counseling to those affected by sickling diseases and trait variants, as well as to those who want to learn more about the effects on individuals and their families.

Supportive Services:
ASCAA provides supportive family activities, crisis intervention support, youth programs, and in-hospital counseling to families and individuals living and coping with sickle cell disease.

Global Education:
Since its inception, ASCAA has distributed over 450,000 educational packages both locally and globally. ASCAA also provides educational presentations to students, teachers, social workers, physicians, the media and the general public.

For more information visit our website at www.ascaa.org
The information contained in the financial review section is presented in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards.

**Major Funders**
- City of Cleveland/CDBG
- The Cleveland Clinic
- The Harry K. & Emma R. Fox Foundation
- Ohio Department of Health
- United Way Services

**Major Contributors**
- AKA Epsilon Lambda Omega:
  - In Memory of Karen Adkinson
- East High School, Youngstown City Schools, Youngstown, Ohio
- Gerzeny, Dorothy
- Gulfstream Park Racing Association Inc.,
- Hiram Grand Lodge: In Honor of Nazaray McKinney
- Oglesby Construction, Inc.
- Prayer Unlimited
- Worford, Mark A., DDS
INDEPENDENT AUDITORS’ REPORT

Board of Trustees
AMERICAN SICKLE CELL
ANEMIA ASSOCIATION, INC.
10300 Carnegie Avenue
Cleveland, Ohio 44106

We have audited the accompanying statement of financial position of the American Sickle Cell Anemia Association, Inc. (ASCAA) as of December 31, 2009, and the related statements of activities, cash flows and functional expenses for the year then ended. These financial statements are the responsibility of the ASCAA’s management. Our responsibility is to express an opinion on these financial statements based on our audit. The prior year summarized comparative information has been derived from the ASCAA’s 2008 financial statements and in our reported dated February 4, 2009, we expressed an unqualified opinion on those financial statements.

We conducted our audit in accordance with 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. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the ASCAA as of December 31, 2009, and the changes in its net assets and its cash flows for the year then ended in conformity with accounting principles generally accepted in the United States of America.

In accordance with Government Auditing Standards, we have also issued our report dated February 10, 2010, on our consideration of ASCAA’s internal controls over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts and grants. That report is an integral part of an audit in accordance with Government Auditing Standards and should be read in conjunction with this report in considering the results of our audit.

February 10, 2010

Watson Rice & Co.
## AMERICAN SICKLE CELL ANEMIA ASSOCIATION, INC.
### STATEMENT OF FINANCIAL POSITION

December 31, 2009

(WITH COMPARATIVE TOTALS AS OF DECEMBER 31, 2008)

<table>
<thead>
<tr>
<th></th>
<th>UNRESTRICTED</th>
<th>TEMPORARILY RESTRICTED</th>
<th>2009</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ASSETS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current Assets :</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cash</td>
<td>$248,301</td>
<td>$248,301</td>
<td>$258,818</td>
<td></td>
</tr>
<tr>
<td>Prepaid Expenses</td>
<td>825</td>
<td>825</td>
<td>2,274</td>
<td></td>
</tr>
<tr>
<td>Total Current Assets</td>
<td>$249,126</td>
<td>$0</td>
<td>$249,126</td>
<td>$261,092</td>
</tr>
<tr>
<td>Non Current Assets:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fixed Assets Cost (Note 3)</td>
<td>$16,737</td>
<td>$0</td>
<td>16,737</td>
<td>$15,827</td>
</tr>
<tr>
<td>Less: Accumulated Depreciation (Note 3)</td>
<td>(10,445)</td>
<td>(10,445)</td>
<td>(6,712)</td>
<td></td>
</tr>
<tr>
<td>Net Fixed Assets</td>
<td>$6,292</td>
<td>$0</td>
<td>$6,292</td>
<td>$7,115</td>
</tr>
<tr>
<td>TOTAL ASSETS</td>
<td>$255,418</td>
<td>$0</td>
<td>$255,418</td>
<td>$268,207</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>UNRESTRICTED</th>
<th>TEMPORARILY RESTRICTED</th>
<th>2009</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LIABILITIES AND NET ASSETS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current Liabilities :</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounts Payable</td>
<td>$2,400</td>
<td>2,400</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Accrued Expenses</td>
<td>6,964</td>
<td>6,964</td>
<td>4,060</td>
<td></td>
</tr>
<tr>
<td>Total Current Liabilities</td>
<td>$9,364</td>
<td>$0</td>
<td>$9,364</td>
<td>$4,060</td>
</tr>
<tr>
<td>NET ASSETS</td>
<td>$246,054</td>
<td>$0</td>
<td>$246,054</td>
<td>$264,147</td>
</tr>
<tr>
<td>Total Liabilities and Net Assets</td>
<td>$255,418</td>
<td>$0</td>
<td>$255,418</td>
<td>$268,207</td>
</tr>
</tbody>
</table>

The Accompanying Notes Are An Integral Part of the Financial Statements.
# AMERICAN SICKLE CELL ANEMIA ASSOCIATION, INC.
## STATEMENT OF ACTIVITIES
December 31, 2008
(WITH COMPARATIVE TOTALS AS OF DECEMBER 31, 2008)

<table>
<thead>
<tr>
<th>SUPPORT AND REVENUE</th>
<th>UNRESTRICTED</th>
<th>TEMPORARily RESTRICTED</th>
<th>TOTAL 2009</th>
<th>TOTAL 2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>United Way Services</td>
<td>84,664</td>
<td>84,664</td>
<td>81,232</td>
<td></td>
</tr>
<tr>
<td>Ohio Department of Health</td>
<td>196,998</td>
<td>196,998</td>
<td>197,024</td>
<td></td>
</tr>
<tr>
<td>City of Cleveland - Block Grant</td>
<td>17,382</td>
<td>17,382</td>
<td>14,477</td>
<td></td>
</tr>
<tr>
<td>Summer Camp donation</td>
<td>1,880</td>
<td>1,880</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Gifts-Unrestricted</td>
<td>18,625</td>
<td>18,625</td>
<td>12,849</td>
<td></td>
</tr>
<tr>
<td>Special Events</td>
<td>28,100</td>
<td>28,100</td>
<td>3,480</td>
<td></td>
</tr>
<tr>
<td>Interest Income</td>
<td>946</td>
<td>946</td>
<td>6,544</td>
<td></td>
</tr>
<tr>
<td>Corporate Contributors</td>
<td>19,336</td>
<td>19,336</td>
<td>12,239</td>
<td></td>
</tr>
<tr>
<td>Net Assets Released from Restriction (Note 6)</td>
<td>299,044</td>
<td>(299,044)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL SUPPORT AND REVENUE**

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$367,931</td>
<td>$0</td>
<td>$367,931</td>
<td>$327,825</td>
</tr>
</tbody>
</table>

## EXPENDITURES

Program Expenses:

<table>
<thead>
<tr>
<th></th>
<th>TEMPORARily RESTRICTED</th>
<th>TOTAL 2009</th>
<th>TOTAL 2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sickle Cell Project</td>
<td>$352,443</td>
<td>$352,443</td>
<td>$345,628</td>
</tr>
<tr>
<td>Total Program Expenses</td>
<td>$352,443</td>
<td>$352,443</td>
<td>$345,628</td>
</tr>
<tr>
<td>General and Management</td>
<td>$33,581</td>
<td>$33,581</td>
<td>$33,665</td>
</tr>
</tbody>
</table>

**TOTAL EXPENDITURES**

<table>
<thead>
<tr>
<th></th>
<th>TEMPORARily RESTRICTED</th>
<th>TOTAL 2009</th>
<th>TOTAL 2008</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$386,024</td>
<td>$0</td>
<td>$386,024</td>
</tr>
</tbody>
</table>

Change in Net Assets:

<table>
<thead>
<tr>
<th></th>
<th>TEMPORARily RESTRICTED</th>
<th>TOTAL 2009</th>
<th>TOTAL 2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Change in Net Assets</td>
<td>($18,093)</td>
<td>($18,093)</td>
<td>(51,468)</td>
</tr>
<tr>
<td>Net Assets - Beginning of Year</td>
<td>264,147</td>
<td>264,147</td>
<td>315,615</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>TEMPORARily RESTRICTED</th>
<th>TOTAL 2009</th>
<th>TOTAL 2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net Assets - End of Year</td>
<td>$246,054</td>
<td>$246,054</td>
<td>$264,147</td>
</tr>
</tbody>
</table>

The Accompanying Notes Are An Integral Part of the Financial Statements.
AMERICAN SICKLE CELL ANEMIA ASSOCIATION, INC.
STATEMENTS OF CASH FLOWS
December 31, 2009
(WITH COMPARATIVE TOTALS AS OF DECEMBER 31, 2008)

CASH FLOWS FROM OPERATING ACTIVITIES

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net Income</td>
<td>($18,093)</td>
<td>($51,468)</td>
</tr>
<tr>
<td>Adjustments to Reconcile Net Income to Net Cash Provided By Operations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Depreciation</td>
<td>3,347</td>
<td>3,165</td>
</tr>
<tr>
<td>Increase (Decrease) in Accounts Payable</td>
<td>2,400</td>
<td>(972)</td>
</tr>
<tr>
<td>Increase (Decrease) in Accrued Liabilities</td>
<td>2,904</td>
<td>(2,604)</td>
</tr>
<tr>
<td>(Increase) Decrease in Deposits &amp; Prepayments</td>
<td>1,449</td>
<td>(1,372)</td>
</tr>
<tr>
<td><strong>Total Adjustments</strong></td>
<td>$10,100</td>
<td>($1,783)</td>
</tr>
<tr>
<td><strong>Net Cash Provided By Operating Activities</strong></td>
<td>(7,993)</td>
<td>(53,251)</td>
</tr>
</tbody>
</table>

Cash Flows From Investing Activities

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purchase of Fixed Assets</td>
<td>(2,524)</td>
<td>(4,015)</td>
</tr>
<tr>
<td>Sale of Fixed Assets</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td><strong>Net Cash Provided By Investing Activities</strong></td>
<td>(2,524)</td>
<td>(4,015)</td>
</tr>
</tbody>
</table>

Cash Flows From Financing Activities

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proceeds From Debt Transactions</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Payments of Outstanding Debt</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Net Cash Provided By Financing Activities</strong></td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Net Increases in Cash and Cash Equivalents

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Decrease) in Cash and Cash Equivalents</td>
<td>($10,517)</td>
<td>($57,266)</td>
</tr>
</tbody>
</table>

Cash and Cash Equivalents at Beginning of Year

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>258,818</td>
<td>316,084</td>
</tr>
</tbody>
</table>

CASH AND CASH EQUIVALENTS AT END OF YEAR

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$248,301</td>
<td>$268,818</td>
</tr>
</tbody>
</table>

*The Accompanying Notes Are An Integral Part of the Financial Statements.*
# American Sickle Cell Anemia Association, Inc.

## Statement of Functional Expenses

**December 31, 2009**

*(With comparative totals as of December 31, 2008)*

<table>
<thead>
<tr>
<th></th>
<th>Sickle Cell Project</th>
<th>General and Management</th>
<th>Total 2009</th>
<th>Total 2008</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Expenditures</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salaries</td>
<td>$160,985</td>
<td>$15,922</td>
<td>$176,907</td>
<td>$177,775</td>
</tr>
<tr>
<td>Payroll Taxes</td>
<td>14,732</td>
<td>1,457</td>
<td>16,189</td>
<td>16,255</td>
</tr>
<tr>
<td>Fringe Benefits</td>
<td>34,676</td>
<td>3,785</td>
<td>38,461</td>
<td>42,051</td>
</tr>
<tr>
<td>Professional Fees and Contract Services</td>
<td>53,928</td>
<td>4,512</td>
<td>58,440</td>
<td>56,807</td>
</tr>
<tr>
<td>Supplies</td>
<td>16,386</td>
<td>4,181</td>
<td>20,567</td>
<td>21,942</td>
</tr>
<tr>
<td>Telephone</td>
<td>12,785</td>
<td>1,652</td>
<td>14,437</td>
<td>14,768</td>
</tr>
<tr>
<td>Postage and Shipping</td>
<td>6,495</td>
<td>989</td>
<td>7,484</td>
<td>8,121</td>
</tr>
<tr>
<td>Agency - Insurance</td>
<td>2,812</td>
<td>285</td>
<td>3,097</td>
<td>3,168</td>
</tr>
<tr>
<td>Equipment Rental &amp; Maintenance</td>
<td>3,922</td>
<td>3,922</td>
<td>3,922</td>
<td>2,800</td>
</tr>
<tr>
<td>Printing/ Publications/Promotions/Dues/Fees</td>
<td>15,009</td>
<td>15,009</td>
<td>15,009</td>
<td>15,829</td>
</tr>
<tr>
<td>Travel</td>
<td>9,118</td>
<td>768</td>
<td>9,886</td>
<td>9,088</td>
</tr>
<tr>
<td>Conferences, Conventions, &amp; Meetings</td>
<td>2,800</td>
<td>0</td>
<td>2,800</td>
<td>1,587</td>
</tr>
<tr>
<td>Specific Assistance to Individuals</td>
<td>485</td>
<td>485</td>
<td>510</td>
<td></td>
</tr>
<tr>
<td>- Summer Camp</td>
<td>485</td>
<td></td>
<td></td>
<td>510</td>
</tr>
<tr>
<td>- Holiday Assistance to Affected Families</td>
<td>4,175</td>
<td>4,175</td>
<td>2,983</td>
<td></td>
</tr>
<tr>
<td>Depreciation</td>
<td>3,347</td>
<td></td>
<td>3,347</td>
<td>3,165</td>
</tr>
<tr>
<td>Special Events Activities</td>
<td>9,447</td>
<td>9,447</td>
<td>150</td>
<td></td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>1,272</td>
<td></td>
<td>1,272</td>
<td>2,294</td>
</tr>
</tbody>
</table>

**Total Expenditures**

- **Sickle Cell Project**: $392,443
- **General and Management**: $33,581
- **Total 2009**: $386,024
- **Total 2008**: $379,292

The accompanying notes are an integral part of the financial statements.
Note 1  

Accounting Policies

A. Nature of Activities
The American Sickle Cell Anemia Association, Inc. (ASCAA) provides Sickle Cell testing to at risk populations and provides educational information to the public about Sickle Cell disease. Approximately, 53.5%, 23%, and 4.5% of the ASCAA’s support for the year ended December 31, 2009 come from allocations from the Ohio Department of Health, the United Way Services, and the City of Cleveland Community Development Block Grant Program.

B. Tax Status
The American Sickle Cell Anemia Association, Inc. is tax exempt under Section 501-C-3 of the Internal Revenue Code of 1954 (as amended). No provision for federal income taxes has been reported in the financial statements.

C. Basis of Accounting
The ASCAA reports its income and expenses on the accrual basis of accounting. Contributions to the ASCAA are recorded as income when received except for amounts collected in advance which are recorded as deferred revenue and reflected as revenue in the year when earned.

D. Contribution and Revenue Recognition
The ASCAA considers all contributions and gifts received to be available for unrestricted use unless specifically restricted by the donor at the time the gift is made.

E. Capitalization and Depreciation Policies
The ASCAA follows the practice of capitalizing all expenditures for fixed assets and leasehold improvements. Depreciation is calculated on the straight-line method cost over the estimated useful life of the asset. Fully depreciated fixed assets are removed from the accounting records in accordance with ASCAA policy.

F. Donated Property and Donated Services
The ASCAA receives free rental space and free sickle cell testing from the Cleveland Clinic Foundation. The ASCAA also benefits from the contributions of the Board of Trustees time to attend board meetings and perform other duties for the ASCAA. No amounts are reflected in the financial statements for the value of rental space, free medical testing and donated time because there is no objective measure to reflect the value of these donations.
G. **Use of Estimates**
The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

H. **Functional Allocation of Expenses**
The costs of providing various programs and related supporting services have been summarized on a functional basis in the statement of activities and statement of functional expenses. Accordingly, certain expenses have been allocated to the appropriate programs and supporting services.

I. **Comparability of Financial Statements**
The financial statements include certain prior year summarized comparative information in total but not by net asset class. Such information does not include sufficient detail to constitute a presentation in conformity with generally accepted accounting principles. Accordingly, such information should be read in conjunction with the organization’s financial statements for the year ended December 31, 2008, from which the summarized information was derived.

**Note 2**
**Cash and Cash Equivalents**
The ASCAA had total cash and cash equivalents as of December 31, 2009 as follows:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Checking Account</td>
<td>$89,343</td>
</tr>
<tr>
<td>Certificates of Deposits</td>
<td>158,758</td>
</tr>
<tr>
<td>Petty Cash</td>
<td>200</td>
</tr>
<tr>
<td><strong>Total Cash</strong></td>
<td><strong>$248,301</strong></td>
</tr>
</tbody>
</table>

**Note 3**
**Fixed Assets**

<table>
<thead>
<tr>
<th>Description</th>
<th>Beginning Balance</th>
<th>Additions</th>
<th>Deletions</th>
<th>Ending Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Office Furniture</td>
<td>$1,379</td>
<td>0</td>
<td>$(515)</td>
<td>$1,864</td>
</tr>
<tr>
<td>Computer/Printer/Office Equipment</td>
<td>14,448</td>
<td>2,524</td>
<td>(1,099)</td>
<td>15,873</td>
</tr>
<tr>
<td>Total Fixed Assets</td>
<td>$15,827</td>
<td>$2,524</td>
<td>$(1,614)</td>
<td>$16,737</td>
</tr>
<tr>
<td>Less: Accumulated Depreciation</td>
<td>$(8,712)</td>
<td>(3,347)</td>
<td>1,614</td>
<td>(10,445)</td>
</tr>
<tr>
<td><strong>Net Fixed Assets</strong></td>
<td><strong>$7,115</strong></td>
<td>$(823)</td>
<td>0</td>
<td><strong>$6,292</strong></td>
</tr>
</tbody>
</table>
Note 4  
**Pension and Employee Benefit Plans**  
On July 1, 1997 American Sickle Cell Anemia Association opened a defined contribution pension plan for all full-time employees of the ASCAA. Pension expense for 2009 was $5,206. On July 1, 1997 the American Sickle Cell Anemia Association offered employees the option of opening individual tax deferred annuity plans. Two employees were in the tax deferred annuity plan at December 31, 2009.

Note 5  
**Net Assets Released From Restrictions**  
Net assets were released from donor restrictions by incurring expenses satisfying the restricted purpose as follows:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ohio Department of Health</td>
<td>$196,998</td>
</tr>
<tr>
<td>United Way Services</td>
<td>$84,664</td>
</tr>
<tr>
<td>City of Cleveland Community Development Block Grant</td>
<td>$17,382</td>
</tr>
<tr>
<td><strong>Total Restrictions Released</strong></td>
<td><strong>$299,044</strong></td>
</tr>
</tbody>
</table>
REPORT ON COMPLIANCE AND ON INTERNAL CONTROL
OVER FINANCIAL REPORTING BASED ON AN AUDIT OF
FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE
WITH GOVERNMENT AUDITING STANDARDS

Board of Trustees
AMERICAN SICKLE CELL
ANEMIA ASSOCIATION, INC.
10300 Carnegie Avenue
Cleveland, Ohio 44106

We have audited the financial statements of the American Sickle Cell Anemia Association, Inc. (ASCAA) (a nonprofit organization) as of and for the year ended December 31, 2009 and have issued our report thereon dated February 10, 2010. We conducted our audit in accordance with 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.

Compliance
As part of obtaining reasonable assurance about whether the ASCAA financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grants, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. 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 that are required to be reported under Government Auditing Standards.

Internal Control Over Financial Reporting
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 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 in governance.
Internal Control Over Financial Reporting (Continued)

A material weakness is a deficiency, or combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the ASCAA’s financial statements will not be prevented, or detected and corrected in a timely basis. We noted no matters involving the internal control over financial reporting and its operation that we consider to be material weaknesses.

This report is intended solely for the information and use of the audit committee, management, Board of Trustees, and federal awarding agencies and pass-through agencies and is not intended to be used and should not be used by anyone other than these specified parties.

February 10, 2010

[Signature]
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Blackwell, Marsha D.
Blade, Sheila
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Brown, Latayana
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Carter, Gwendolyn
Carter, Leslie
Carter, Michelle
Carter, Stacie
Casado, Ricardo
Charleston, Charlotte
Cloud, Barri
Cloud, Evelyn I.
Chase, Tonya
Colbert-Gunn, Che’rri
Colby, III, Dill
Coleman-Smith, Sharon
Covarrubias, Ana
Crawford, Ervin
Crumb, Stanford
Cunningham, Alice M.
Cunningham, Gerald
Curtis, Constance
Curtis, Ronda
Dailey, Tiffany D.
Davenport, Martha
Davis, Christine
Davis, Denise
Davis, Ethel
Davis-Harris, Jeanette
Dennis, James
Dews, Teresa, MD
Dowdell, Courtney
Draper Elementary School
Easler, Lia
Easley, Tamika
East Mt. Zion Baptist Church
Edwards, Diedree
El Hasa Court No. 47,
  Daughters of Isis
Eli Lilly and Company
Emerson Elementary School
Everett, Brian
Fishieder, Andrew, MD
Flores, Leticia
Fondren, Gale
Ford, Kimberly
Forsland, Olissa
Fowler, Tamares A.
Frantz, Julia
Furcron, Sharon
Galindo, Maria D.
Galloway, Andrea
Gant, Cheryl
Gantt, Afua
General Motors Corp.
Gerzeny, Dorothy Nalle
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Harper, Gertrude
Harper, Michael
Harrell, Sheila D.
Haynes, Steven A.
Headen, Cynthia
Heard, Joyce
Higgins, Walter
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Hill, Walter H.
Hines, Terry
Hollingsworth, Torey
Holmes, Roxann
Holt, Patrick D.
Home Depot
Hopkins, Angelica
Houston, Bernice H.
Howard, Edward
Hubbard, Pauletta
Hudson, Deborah
Hughes, Sharon
Hunter, Stephanie
Hurn, Kim
Jackson, Sherry
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Jenkins, Chantel
Johnson, Margaret
Johnson, Mary L.
Johnson, Robert E.
Johnson, Wilma J.
Jones, Deborah
Jones, Peter
Jones, Thomas
Jones, Treva
Kataria, Mukhtiar
Koeth, Jason
Krieger, Barry & Mary
Lawson, Vanessa R.
Leach, Jolynn
Lee, Joyce
Lewis, William
Lincoln Military Housing
Little, Nichell
Long, Injeia M.
Loughrey, Ryan
Love, John
Luton, Aaeshah
Madden, Tamekia
Marshall, Dwight
Mcauley, Scott
McCormick, George
McDade, Theresa
McIntyre, Darice Y.
McLean, John
McNutt, Jennifer
Medlea, Hughlean
Miles, Velma
Mitchell, David
Montfort, Judy
Moore, Gloria
Moore, Jeffery
Morgan, Ann L.
Morgan, Betty
Morris, Valerie
Moxley, Cynthia
Murray, Kevin
Murray, LaTonya
Myers, William
Nall, Sheryll
Neal, Gregory
Nelson, A.G.
Nestle Corporation
Network for Good
Nickson, Erik
Nowell, Candace
Oboute, Champayne
Oliver, James
Osayamwen, Oghogho
Parish, Jason
Parker, Arnetta
Parker, John
Patterson, Paula
Paul, Mark
Paychex - Employees Giving
Payne, Rochelle
Pena, Gilberto
Penn, Coronel
Perez, Yolanda
Perkins, Deanna M.
Perkins-Treadwell, Carol
Perrin, Greggory
Perrin, Jamel
Pinkney, Malonda
Pittman, Virgil
Polk, Lolita J.
Poux, Marjorie
Preston, Krystal
Pritchett, Melba
Redman, Harold
Reed, Gwendolyn
Reed, Lynn
Reeves, Thomas M.
Register, Michael E.
Reynolds, Helen
Reynolds, Thomas
Richardson, Rickey
Ringo, Shirlene
Robinson, Antoinette
Rockwell Automation
Rodriguez, Karla Elena
Romack, Jaymie
Rush, Vickie
Sanders, Arnet
Sanders, Charlotte-Catre
Emmaleen
Sanders, Deborah
Schatz, Hooper, Rita
Scott, Darrell L.
Settle, Claudia
Sheffield, Barbara
Smith, Darlinda
Smoot, Larry
Solomon, Cheryl
Souls, Jeffrey, Jaque & Brynn
Spurgeon, Richard
Squire, Sanders & Dempsey, LLP
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Youth Ministry
Stahl, Shirley
Steele, Danette J.
Stewart, Kirk
Stokes, Patricia
Sturdivant, Otis J.
Sturkie, Sr., Timothy L.
SUM - Cleveland State University
SUM - Ohio St – Cleveland
Headquarters
SUM -The Federal Reserve Bank of
Cleveland
SUM-Cleveland State University,
SUM-Ohio St-Cleveland Headquarters,
Target at Steelyard
Tatum, Iris
Temple Baptist Church,
Pastor Sedrick Veal
The Federal Reserve Bank of
Cleveland
Thomas, Lucretia
Thomas-Kelly, Cynthia
Todd, Carl E.
Tortorella, Maureen
Totton, Gloria
Towns, Cheryl
Traeger, Sebastian
United Health Group Employee Giving
Campaign
United Voices Choir, Metropolitan United
Methodist Church
United Way Mid & South Jefferson County
2007-2008 Campaign
United Way of Hopewell-
Prince George
United Way of Metro Chicago
Local #12
United Way of South Jefferson
County
United Way of Southeastern PA
United Way Special Distribution
Account Trust N.Y.
UPS
Vazquez, Diana
Waddell, Terrri
Wade, LaBrenda
Walker, Shantokie R.
Wal-Mart Foundation
Wal-Mart Store #2362
Ward, Nicole
Warren, Winnie N.
Washington, Nina
Watson, Kathleen
WellPoint Foundation, Associate
Giving Campaign
Wells, Paul
Wells-Mitchell, Rendia
West, Henry
White, Cha’Niece
White, Maxine E.
White, Wendell
White, Wendell
Whitworth, Laverne
Williams, Bruce
Williams, Gary R. & Laura A.
Williams, Suzanne
Williams, Winifred
Williams-Moore, Carol
Willoughby, Nancy
Wilson, Atlee
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In Memory

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Ed Willie Becton
AKA Epsilon Lambda Omega: In
Memory of Karen Adkinson
Alcorn, Dawn: In Memory of
Jordan Barrett
American Society for Clinical
Pathology Staff: In Memory of
George C. Hoffman, M.D.
Anonymous: In Memory of Georgia
Franklin
Anonymous: In Memory of Algin Sanders, Sr.
Baggette Construction, Inc.: In Memory of Larry Ford
Baker, Debi: In Memory of Jordan Barrett
Barbara, Andreotta: In Memory of Colleen L. Hobbs
Becknell, Cindy: In Memory of Jordan Barrett
Berkovits, Virginia: In Memory of Colleen L. Hobbs
Cheetham, Evonna M.: In Memory of Rae Carol (Coleman) Adams
Chesna, Christine: In Memory of Al Sanders
City of Niles Light Dept (Staff): In Memory of Melvin Dixon
Coles, Viola: In Memory of Delon Hammid
Connerton, Jane: In Memory of Jordan Barrett
Conwell, Jocelyn: In Memory of Dorothy Williams
Cowles, Chris & Illia: In Memory of George C. Hoffman, M.D.
Crum, Joan F: In Memory of Colleen L. Hobbs
Curd, Paul & Helen: In Memory of Ellouise Coyne
Dechristofaro, Gary M.: In Memory of Melvin Dixon
Eacovalle, Lou & Joan: In Memory of Colleen L. Hobbs
Eaton, Cynthia J. & Zipporah: In Memory of Marlon Powell
Eddy, William S.: In Memory of Melvin Dixon
Eisenhower School PTO: In Memory of Colleen L. Hobbs
Franklin County Clerk of Courts: In Memory of Richard Durr
Gamble, Ranelle: In Memory of Dorothy Williams
Granetz, Sidney & Sharon B.: In Memory of Colleen L. Hobbs
Greene, Melanie: In Memory of Isha Kamara
Harry Hoag Elem School: In Memory of Charles Martin
Hermus, Linda E.: In Memory of Colleen L. Hobbs
Jakubowski, Yolanda: In Memory of Colleen L. Hobbs
Jarvis, John: In Memory of Melita McGlotten
Levine, Ellen R.: In Memory of Colleen L. Hobbs
Levitt, Robert J.: In Memory of Jo Ann Baldwin
Linda, Cummings: In Memory of Colleen L. Hobbs
Lloyd, Donna: In Memory of Donte’ Phillips
McKay, Linda: In Memory of Lance Berry
Mershon, Patricia: In Memory of Jordan Barrett
Nellie, Tsioura: In Memory of Colleen L. Hobbs
O’Dwyer-Falini, Peggy: In Memory of Colleen L. Hobbs
Parker, Gladys: In Memory of Jordan Barrett
Ribeiro, Shannon: In Memory of Colleen L. Hobbs
Rivers, Amanda: In Memory of Colleen L. Hobbs
Robinson, Melinda: In Memory of Ivor Balin Panell
Rosenthal, Phillip: In Memory of Francine Allen
Ross, Donald & Ann: In Memory of Melvin Dixon
Sava, Steve & Mary: In Memory of Melvin Dixon
Schering-Plough Foundation: In Memory of Louis-Philippe Severe
Schneider Disalvio, Laura: In Memory of Colleen L. Hobbs
Shuba, Ernest R. & Barbara A.: In Memory of Colleen L. Hobbs
Silver, Adena: In Memory of Rita Santos
Smith-Randolph, Walter: In Memory of Richard Watkins
Southwestern Illinois College, Granite City Campus: In Memory of Ida Geter
Swisshelm, Kay: In Memory of Jordan Barrett
TenHoopen, Carol: In Memory of Melody Locket
Terry, Procida: In Memory of Colleen L. Hobbs
Tomaselli, Karen: In Memory of Rita Santos
VFW Denbigh Post, Ladies Auxiliary 6002: In Memory of Mr. Tidwell
Williams, Leticia: In Memory of Charles Anthony Evans
Wolf, Katherine E.: In Memory of Louis-Philippe Severe
Yen-nien Doaguan: In Memory of Rae Carol (Coleman) Adams

In Honor

Bowie, Judi: In Honor of Michael Cole, Jr.
Edelstein, Theresa: In Honor of Hilda Brown
Elite Ten: In Honor of Reasha Barrows & Bridget Holloway
Miller, Daniel: In Honor of Tony Baylor
Pegram, Angie: In Honor of the Saffoe/Pegram Wedding
Tarrant, Hamisi: In Honor of Dave Allen

Thank You for Your Support.
dentistry), Herrick finally published a description of the case, still undiagnosed, in the "Archives of Internal Medicine," barely mentioning his medical colleague Irons.

The second SCA patient, Ellen Anthony, a cook and housemaid when she was able to work, was born about 1885, though no available documents record that event. She grew up, probably the descendent of slaves, in the rolling farmland and wooded hills of Campbell County, Virginia, not far from Lynchburg. Almost no documentary or oral information exists about Anthony or her family. Sickly all her life, Anthony suffered a severe abdominal crisis in 1907 that took her to a local physician who sent her to the charity ward at the University of Virginia Hospital (UVA) for the first of many admissions. During her fourth admission, lasting 284 days beginning in September 1909, a third-year medical student, Benjamin E. Washburn, from Rutherfordton, NC, no doubt encountered and cared for Anthony during his medical rotation. She was readmitted to the hospital in July 1910 and so was there when Washburn, who earned his BA at UNC, returned for his last year of medical school. Washburn's favorite instructor at UVA, John Staige Davis, Jr., served as Anthony's physician.

Herrick's article on Noel's case appeared in November. Though records do not identify who at UVA first recognized the similarities between Herrick's patient and Anthony's medical problems, it appears to have been Washburn. Dr. Davis, who served on the editorial board of the "Virginia Medical Semi-Monthly," suggested that Washburn submit an article to the journal describing Anthony's case. He did so and thus became the author of the second article reporting a sickle-cell disease. Herrick, in a similar situation in Chicago, gave only a passing nod in his 1910 article to his resident and protege, Irons, who actually first saw the patient, Noel. Irons recognized the oddly shaped red blood cells and treated Noel over a 3-year period. Extant records do not indicate why Irons did not receive equal credit with Herrick, nor why Washburn received sole credit for reporting the second case.

The contrast between the first two SCA patients bears comment. While opportunities in the United States for aspiring persons of color to study and enter medicine, dentistry and law were increasing at the time, segregation in the South was becoming more rigid and formalized. The stories of the first two reported SCA patients illustrate these differences. Noel, a man of color, was, in many ways, the social and professional equal of his physicians. He came from a monied family on the island of Grenada, attended college in Barbados and was a dental student. Members of his family were landowners and known figures on the island where most residents, largely people of color, lived in poor circumstances with little opportunity for advancement. The fact that Noel was well-educated and well-spoken may have stimulated Herrick and Irons' interest in discovering the nature of the young man's illness. Noel may have even assisted them in thinking through the problem.

Anthony, by contrast, was typical of many African Americans of her day. She grew up poor, had little education, earned little money, and was thus quite different, economically and socially, from her physicians, including the medical students who treated her. In Virginia's racially segregated society of the late 19th and early 20th centuries, Anthony remained a relatively anonymous citizen. Public records reported neither her birth nor her death, as was also true of her father and the rest of her family. Whereas Noel's history is easy to trace from family, school and official government sources, almost nothing is available on Anthony from any sources. How ironic, considering that the disease from which she suffered became one of the most studied in medicine.

(This article is based on two previously published articles, "Herrick's 1910 Case Report of Sickle Cell Anemia," "JAMA" 1989; 261: 266-74 and "The Second Reported Case of Sickle Cell Anemia: Charlottesville, Virginia, 1911," "Virginia Medical Quarterly" 1997 (Spring); 124: 84-92.)
ASCAA Mission:
The American Sickle Cell Anemia Association was incorporated in 1971 as a nonprofit organization.
The mission of the organization is to provide comprehensive education, testing, counseling and supportive services to the population at risk for sickle cell anemia and its variants. Further, its intent is to ensure quality and quantitative care in the provision of comprehensive service to affected individuals and families.