

Virtus Global Multi-Sector Income Fund
 Form 3
 February 23, 2012

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
 Section 17(a) of the Public Utility Holding Company Act of 1935 or Section
 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

| | | | | | | |
|-------------------------------------------|---------|----------|--------------------------------------------------|--|----------------------------------------------------|------------------------------------------------------------|
| 1. Name and Address of Reporting Person * | | | 2. Date of Event Requiring Statement | | 3. Issuer Name and Ticker or Trading Symbol | |
| Â VIRTUS INVESTMENT PARTNERS, INC. | | | (Month/Day/Year) | | Virtus Global Multi-Sector Income Fund [VGI] | |
| (Last) | (First) | (Middle) | 4. Relationship of Reporting Person(s) to Issuer | | | 5. If Amendment, Date Original Filed(Month/Day/Year) |
| 100 PEARL STREET | | | (Check all applicable) | | | 6. Individual or Joint/Group Filing(Check Applicable Line) |
| (Street) | | | ___ Director | | | ___X___ Form filed by One Reporting Person |
| HARTFORD,Â CTÂ 06103 | | | ___ Officer | | | ___ Form filed by More than One Reporting Person |
| (City) | (State) | (Zip) | (give title below) | | | (specify below) |

Table I - Non-Derivative Securities Beneficially Owned

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------|
| Common Stock, par value \$0.001 | 5,235.602 | I | By Virtus Partners, Inc. ⁽¹⁾ |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) Title | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form of Derivative Security: Direct (D) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|-----------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------|
|-----------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------|

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| | | | |
|-------------|------------|-----------|-------------|
| Date | Expiration | Amount or | or Indirect |
| Exercisable | Date | Number of | (I) |
| | | Shares | (Instr. 5) |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|----------------------------------------------------------------------------|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| VIRTUS INVESTMENT PARTNERS, INC. 100 PEARL STREET HARTFORD, CT 06103 | ^ | ^ X | ^ | ^ |

Signatures

/s/ Kevin J. Carr, Senior Vice President on behalf of Virtus Investment Partners, Inc.

02/23/2012

__Signature of Reporting Person

Date

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 5(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Shares of stock owned directly by Virtus Partners, Inc., which is a wholly owned subsidiary of Virtus Investment Partners, Inc. Virtus Investment Partners, Inc. is the indirect beneficial owner of these shares, which were purchased by Virtus Partners, Inc. in satisfaction of seed capital requirements.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, See Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.