

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF  
SECURITIESFiled pursuant to Section 16(a) of the Securities Exchange Act of 1934  
or Section 30(h) of the Investment Company Act of 1940

|   |   |   |   |
|---|---|---|---|
| 1. Name and Address of Reporting Person*<br><u>Frist Julie D.</u> | 2. Date of Event Requiring Statement (Month/Day/Year)<br>09/21/2016 | 3. Issuer Name and Ticker or Trading Symbol<br><u>CapStar Financial Holdings, Inc. [ CSTR ]</u>   |   |
|   |   | 4. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br><input checked="" type="checkbox"/> Director<br>Officer (give title below) | 5. If Amendment, Date of Original Filed (Month/Day/Year)<br><br>6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br>Form filed by More than One Reporting Person |
| (Last) (First) (Middle)<br>201 4TH AVENUE NORTH, SUITE 950        |   | 10% Owner<br>Other (specify below)  |   |
| (Street)<br>NASHVILLE TN 37219                                    |   |   |   |
| (City) (State) (Zip)  |   |   |   |

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                    | 220,623   | D  |   |
| Common Stock                    | 216,667   | I  | Charles A. & Patricia F. Elcan <sup>(1)</sup>         |
| Common Stock                    | 216,667   | I  | William R. & Jennifer R. Frist <sup>(1)</sup>         |
| Restricted Stock <sup>(2)</sup> | 413   | D  |   |
| Restricted Stock <sup>(3)</sup> | 950   | D  |   |
| Restricted Stock <sup>(4)</sup> | 1,419   | D  |   |

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) |                            | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|-----------------|---|----------------------------|--|--|---|
|  | Date Exercisable   | Expiration Date | Title   | Amount or Number of Shares |  |  |   |
| Warrants                                   | 07/14/2008   | 07/14/2018      | Common Stock  | 20,833                     | 10   | D  |   |
| Warrants                                   | 07/14/2008   | 07/14/2018      | Common Stock  | 10,834                     | 10   | I  | Charles A. & Patricia F. Elcan <sup>(1)</sup>         |
| Warrants                                   | 07/14/2008   | 07/14/2018      | Common Stock  | 10,833                     | 10   | I  | William R. & Jennifer R. Frist <sup>(1)</sup>         |
| Option (right to buy)                      | (5)  | 11/13/2018      | Common Stock  | 6,000                      | 10   | D  |   |
| Option (right to buy)                      | (6)  | 01/20/2020      | Common Stock  | 6,000                      | 10   | D  |   |

## Explanation of Responses:

- The reporting person disclaims beneficial ownership of these securities except to the extent of her pecuniary interest therein, and the inclusion of these shares in this report shall not be deemed an admission of beneficial ownership of all of the reported shares for purposes of Section 16 or for any other purpose.
- The reported item represents the unvested portion of an award of restricted stock on February 27, 2014. The balance of this award vests on the third anniversary of the grant date, or February 27, 2017.
- The reported item represents the unvested portion of an award of restricted stock on February 27, 2015. 475 shares of restricted stock under this award vest on the second anniversary of the grant date, or February 27, 2017, and the remaining 475 shares of restricted stock under this award vest on the second anniversary of the grant date, or February 27, 2018.
- The reported item vests in three equal installments beginning on the first anniversary of the March 3, 2016, grant date.
- These options vested in four equal annual installments beginning one year after the November 13, 2008, grant date.
- These options vested in four equal annual installments beginning one year after the January 20, 2010, grant date.

## Remarks:

/s/ Julie D. Frist

09/21/2016

\*\* Signature of Reporting Person

Date

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

\* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.