

NUVEEN CALIFORNIA AMT-FREE MUNICIPAL INCOME FUND  
Form 8-A12B  
January 15, 2014

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**  
**WASHINGTON, D.C. 20549**

**FORM 8-A**

FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES  
PURSUANT TO SECTION 12(b) OR (g) OF THE  
SECURITIES EXCHANGE ACT OF 1934  
**NUVEEN CALIFORNIA AMT-FREE MUNICIPAL INCOME FUND**  
*(Exact Name of Registrant as Specified in Its Charter)*

**MASSACHUSETTS**  
*(State of Incorporation*

*or Organization)*

**03-0487017**  
*(I.R.S. Employer*

*Identification No.)*

**333 West Wacker Drive**

**Chicago, Illinois 60606**

*(Address of Principal Executive Offices)*

**Securities to be registered pursuant to Section 12(b) of the Act:**

Title of Each Class

Name of Each Exchange On Which

to be so Registered

Each Class is to be Registered

**Common Shares of Beneficial Interest,**

**New York Stock Exchange**

**\$0.01 par value per share**

**If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c), please check the following box.**

**If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d), please check the following box.**

**Securities Act registration statement file numbers to which this form relates: 333-100323 and 333-184971**

**Securities to be registered pursuant to Section 12(g) of the Act:**

**NONE**

*(Title of Class)*

Item 1. Description of Registrant's Securities to be Registered.

The shares (the Shares) to be registered hereunder are common shares of beneficial interest, \$0.01 par value per share of Nuveen California AMT-Free Municipal Income Fund (formerly, Nuveen Insured California Tax-Free Advantage Municipal Fund) (the Registrant). A description of the Shares is contained under the heading Description of Shares in the prospectus included in an amendment to the Registrant's registration statement on Form N-2, which registration statement was originally filed under the Securities Act of 1933, as amended, and the Investment Company Act of 1940, as amended, on June 4, 2013 (Registration Nos. 333-184971 and 811-21212, respectively), and such description is incorporated herein by reference.

Item 2. Exhibits.

Pursuant to the Instructions as to Exhibits, no exhibits are filed herewith or incorporated herein by reference.

SIGNATURE

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the Registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

Date: January 15, 2014

NUVEEN CALIFORNIA AMT-FREE MUNICIPAL INCOME FUND

By /s/ Gifford R. Zimmerman

Name: Gifford R. Zimmerman

Title: Chief Administrative Officer