

NUVEEN MUNICIPAL HIGH INCOME OPPORTUNITY FUND

Form 497J

March 02, 2015

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March 2, 2015

VIA EDGAR

U.S. Securities and Exchange Commission

100 F Street, NE

Washington, DC 20549

RE: Nuveen Municipal High Income Opportunity Fund (File Nos. 333-187032 and 811-21449)

Dear Sir or Madam:

Pursuant to Rule 497(j) under the Securities Act of 1933, as amended (the "1933 Act"), I hereby certify on behalf of Nuveen Municipal High Income Opportunity Fund (the "Fund") that the form of Prospectus and Statement of Additional Information that would have been filed pursuant to Rule 497(c) under the 1933 Act would not have differed from those included as part of Post-Effective Amendment No. 3 to the Fund's Registration Statement on Form N-2, which was filed electronically with the SEC via EDGAR Accession No. 0001193125-15-058270 on February 23, 2015.

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Please do not hesitate to contact me at (202) 373-6725 should you have any questions.

Very truly yours,

/s/ Thomas S. Harman

Thomas S. Harman

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New York Orange County Paris Philadelphia Pittsburgh Princeton San Francisco Santa Monica Silicon Valley Tokyo Washington Wilmington