

NUVEEN MUNICIPAL HIGH INCOME OPPORTUNITY FUND

Form DEFA14A

October 15, 2007

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
SCHEDULE 14A**

Proxy Statement Pursuant to Section 14(a) of the Securities
Exchange Act of 1934 (Amendment No.)

Filed by the Registrant

Filed by a Party other than the Registrant

Check the appropriate box:

- Preliminary Proxy Statement.
- Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2)).**
- Definitive Proxy Statement.
- Definitive Additional Materials.
- Soliciting Material Pursuant to §240.14a-11(c) or §240.14a-12

NUVEEN MUNICIPAL HIGH INCOME OPPORTUNITY FUND (NMZ)

(Name of Registrant as Specified In Its Charter)

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

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- No fee required.
- Fee computed on table below per Exchange Act Rules 14a-6(i)(4) and 0-11.

1) Title of each class of securities to which transaction applies:

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1) Amount Previously Paid:

2) Form, Schedule or Registration Statement No.:

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Nuveen Funds
Meeting of Shareholders Adjourned

Dear Shareholder:

We recently distributed proxy materials regarding the Meeting of Shareholders of the Nuveen Funds on Friday, October 12, 2007, at 10:00 a.m., Central time. **Due to insufficient shareholder response, the meeting has been adjourned.** Our current records indicate that we have not yet received your voting instructions.

YOUR VOTE IS IMPORTANT!

Shareholders are being asked to consider several important proposals as more fully described in the materials sent to you. One of the proposals that you are being asked to consider involves the recent announcement by Nuveen Investments, Inc., the parent company of Nuveen Asset Management, your Fund's investment adviser, of its intention to be acquired by investors led by Madison Dearborn Partners, LLC. The acquisition requires the shareholders to approve a new Investment Management Agreement. Your Fund investment will not change as a result of the change of ownership and Nuveen Asset Management will continue to manage your fund according to the same objectives and policies. The materials previously sent to you contain important information regarding this proposal and other proposals that shareholders are being asked to consider. Please read those materials carefully.

Your Fund's Board recommends shareholders vote **FOR each of the proposals.**

If you have any questions regarding the proposals, please call Computershare Fund Services, your Fund's proxy agent, at 1-866-434-7510. Representatives are available Monday through Friday between the hours of 9:00 a.m. and 11:00 p.m. and Saturday from 12:00 p.m. to 6:00 p.m., Eastern Standard Time.

We urge you to act promptly to reduce the need for additional solicitation efforts or costly Meeting adjournments.

We encourage you to vote **TODAY** using one of the following convenient options :

1. **Vote by Phone.** Call the toll-free number listed on your proxy ballot and follow the recorded instructions.
2. **Vote Online.** Log on to the Internet address on your proxy ballot and follow the instructions.
3. **Vote by Mail.** Sign, date and return the enclosed proxy ballot using the enclosed postage-paid envelope.

Thank you for your prompt attention to this matter. If you have already voted, we appreciate your participation.

YOUR VOTE IS IMPORTANT! PLEASE VOTE TODAY!