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

SCHEDULE 13D

Under the Securities Exchange Act of 1934

(Amendment No. 04)*

BLACKROCK LONG-TERM MUNICIPAL ADVANTAGE TRUST

(Name of issuer

VARIABLE RATE MUNIFUND TERM PREFERRED SHARES (Title of Class of Securities)

09250B202 (CUSIP Number)

Bank of America Corporation
Bank of America Corporate
Center 100 N. Tryon Street
Charlotte, North Carolina 28255
(Name, Address and Telephone Number of Person
Authorized to Receive Notices and Communications)

November 14, 2024 (Date of Event Which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition which is the subject of this Schedule 13D, and is filing this schedule because of Rule 13d-l(e), 13d-l(f) or 13d-l(g), check the following box \Box .

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

| | DY A DEED O | EDERO | PRINCE PERSONS | | |
|---------------|--|--|--|---|--|
| 1 | | | RTING PERSONS rporation 56-0906609 | | |
| 2 | СНЕСК Т | CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) □ (b) ⊠ | | | |
| 3 | SEC USE | ONLY | | | |
| 4 | SOURCE WC | OF FUNI | DS (SEE INSTRUCTIONS) | | |
| 5 | СНЕСК В | BOX IF D | ISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E) | X | |
| 6 | CITIZENS Delaware | SHIP OR | PLACE OF ORGANIZATION | | |
| | BER OF | 7 8 | SOLE VOTING POWER 0 SHARED VOTING POWER 380 | | |
| OWNED REPO | ICIALLY BY EACH ORTING ON WITH | 9 | SOLE DISPOSITIVE POWER 0 | | |
| | | 10 | SHARED DISPOSITIVE POWER 380 | | |
| 11 | AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 380 | | | | |
| 12 | CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) | | | | |
| 13 | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 50% | | | | |
| 14 | TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) HC | | | | |

CUSIP No. 09250B202

| | NAMES OF REPORTING PERSONS | | | | | |
|-----------------------|--|--|--|----------------|--|--|
| 1 | Banc of Ar | Banc of America Preferred Funding Corporation 75-2939570 | | | | |
| 2 | СНЕСК Т | THE APPI | ROPRIATE BOX IF A MEMBER OF A GROUP | (a) □ (b) ⊠ | | |
| 3 | SEC USE | ONLY | | | | |
| 4 | SOURCE WC | OF FUNI | OS (SEE INSTRUCTIONS) | | | |
| 5 | СНЕСК Е | OX IF D | ISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E) | | | |
| 6 | CITIZENS Delaware | SHIP OR | PLACE OF ORGANIZATION | | | |
| | | 7 | SOLE VOTING POWER 0 | | | |
| NUMB SHA BENEFI | RES CIALLY | 8 | SHARED VOTING POWER 0 | | | |
| REPOI | BY EACH RTING N WITH | 9 | SOLE DISPOSITIVE POWER 0 | | | |
| | | 10 | SHARED DISPOSITIVE POWER 0 | | | |
| 11 | AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 0 | | | | | |
| 12 | CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) | | | | | |
| 13 | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 0% | | | | | |
| 14 | TYPE OF | TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) | | | | |

| 1 | | NAMES OF REPORTING PERSONS BofA Securities, Inc. 47-4921463 | | | | |
|---|--|--|---|--|--|--|
| 2 | | CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) (b) (b) | | | | |
| 3 | SEC USE | SEC USE ONLY | | | | |
| 4 | SOURCE WC | SOURCE OF FUNDS (SEE INSTRUCTIONS) WC | | | | |
| 5 | СНЕСК Е | CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E) | | | | |
| 6 | CITIZENSHIP OR PLACE OF ORGANIZATION Delaware | | | | | |
| NUMBER OF SHARES BENEFICIALLY OWNED BY EAC REPORTING PERSON WITH | | 7 8 9 10 | SOLE VOTING POWER 0 SHARED VOTING POWER 380 SOLE DISPOSITIVE POWER 0 SHARED DISPOSITIVE POWER 380 | | | |
| 11 | AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 380 | | | | | |
| 12 | CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) | | | | | |
| 13 | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 50% | | | | | |
| 14 | TYPE OF BD | TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) BD | | | | |
| | | | | | | |

Item 1. Security and Issuer

This Amendment No. 4 (this "Amendment") amends, as set forth below, the statement on Schedule 13D, dated October 29, 2015 and filed with the SEC on November 6, 2015 (as amended to the date hereof, the "Original Schedule 13D") for Bank of America Corporation ("BAC") and Bank of America Preferred Funding Corporation ("BAPFC") (collectively, the "Reporting Persons") with respect to the Variable Rate Demand Preferred Shares ("VRDP Shares") of BlackRock Long-Term Municipal Advantage Trust (the "Issuer").

This Amendment is being filed to report a change in the Reporting Persons' ownership percentage of the Issuer as a result of an automatic tender of the Reporting Persons' 760 VRDP Shares (CUSIP No. 09250B202). BofA Securities, Inc. ("BOFAS") has purchased a portion of these shares in its capacity as market maker in the VRDP shares.

The Reporting Persons are currently analyzing their additional trading activity in securities of the Issuer and expect to file another Schedule 13D amendment as promptly as reasonably practicable once that analysis is complete.

Item 2. Identity and Background

Item 2 of the Original Schedule 13D is hereby amended by deleting Schedule II and Schedule II referenced therein and replacing them with Schedule II and Schedule II included with this Amendment.

Item 3. Source and Amount of Funds or Other Consideration

Item 3 of the Original Schedule 13D is hereby amended by adding the following paragraph at the end thereof:

"The 760 VRDP Shares (CUSIP No. 09250B202) held by BAPFC were automatically tendered on November 14, 2024 for a price of \$100,000 per share (the "Transaction") and as a result of the Transaction, BAPFC no longer own any VRDP Shares (CUSIP No. 09250B202) of the Issuer. BOFAS has purchased a portion of these shares in its capacity as market maker in the VRDP shares.

Item 4 Purpose of the Transaction

Item 4 of the Original Schedule 13D is hereby amended by adding the following paragraph at the end thereof:

"As a result of the Transaction, the BAPFC no longer own any VRDP Shares (CUSIP No. 09248L502). BOFAS has purchased a portion of these shares in its capacity as market maker in the VRDP shares."

Item 5. Interest in Securities of the Issuer

Paragraph (c), (d) and (e) of Item 5 of the Original Schedule 13D is hereby amended by adding the following paragraph at the end thereof:

"(c) The reporting persons have affected the following transactions in VRDP shares.

| TRADE DATE | BUY/SELL | QUANTITY | PRICE | EXECUTION |
|------------|----------|------------|------------|-----------|
| 11/14 | BUY | 760 Shares | 76,000,000 | OTC |
| 11/14 | SELL | 380 Shares | 38,000,000 | OTC |

(d) Not applicable.

(e) On November 14, 2024, as a result of the Transaction, BAPFC ceased to be the beneficial owner of more than five percent of the class of securities."

Item 7. Material to be Filed as Exhibits

Item 7 of the Original Schedule 13D is hereby amended by deleting Exhibit 99.1 and Exhibit 99.2 thereto and the insertion of the following exhibits:

"Exhibit Description of Exhibit

| <u>99.1</u> | Joint Filing Agreement |
|-------------|------------------------|
| | |
| <u>99.2</u> | Power of Attorney |

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: November 18, 2024.

BANK OF AMERICA CORPORATION

By: /s/ Andres Ortiz

Name: Andres Ortiz Title: Authorized Signatory

BANC OF AMERICA PREFERRED FUNDING CORPORATION

By: /s/ Andres Ortiz

Name: Andres Ortiz Title: Authorized Signatory

BOFA SECURITIES, INC.

By: /s/ Andres Ortiz

Name: Andres Ortiz Title: Authorized Signatory

SCHEDULE I

EXECUTIVE OFFICERS AND DIRECTORS OF REPORTING PERSONS

The following sets forth the name and present principal occupation of each executive officer and director of Bank of America Corporation. The business address of each of the executive officers and directors of Bank of America Corporation is Bank of America Corporate Center, 100 North Tryon Street, Charlotte, North Carolina 28255.

| Name | Position with Bank of America Corporation | Principal Occupation |
|----------------------|---|---|
| Brian T. Moynihan | Chairman of the Board, Chief Executive Officer and Director | Chairman of the Board and Chief Executive Officer of Bank of America Corporation |
| Paul M. Donofrio | Vice Chair | Vice Chair of Bank of America Corporation |
| Thong M. Nguyen | Vice Chair, Head of Global Strategy & Enterprise Platforms | Vice Chair, Head of Global Strategy & Enterprise Platforms of Bank of America Corporation |
| Bruce R. Thompson | Vice Chair, Head of Enterprise Credit | Vice Chair, Head of Enterprise Credit of Bank of America Corporation |
| Dean C. Athanasia | President, Regional Banking | President, Regional Banking of Bank of America Corporation |
| James P. DeMare | President, Global Markets | President, Global Markets of Bank of America Corporation |
| Kathleen A. Knox | President, The Private Bank | President, The Private Bank of Bank of America Corporation |
| Matthew M. Koder | President, Global Corporate and Investment Banking | President, Global Corporate and Investment Banking of Bank of America Corporation |
| Bernard A. Mensah | President, International; CEO, Merrill Lynch International | President, International of Bank of America Corporation and CEO, Merrill Lynch International |
| Lindsay DeNardo Hans | President, Co-Head Merrill Wealth Management | President, Co-Head Merrill Wealth Management of Bank of America Corporation |
| Eric Schimpf | President, Co-Head Merrill Wealth Management | President, Co-Head Merrill Wealth Management of Bank of America Corporation |
| Aditya Bhasin | Chief Technology and Information Officer | Chief Technology and Information Officer of Bank of America Corporation |
| D. Steve Boland | Chief Administrative Officer | Chief Administrative Officer of Bank of America Corporation |
| Alastair Borthwick | Chief Financial Officer | Chief Financial Officer of Bank of America Corporation |

| Sheri Bronstein | Chief Human Resources Officer | Chief Human Resources Officer of Bank of America Corporation |
|----------------------------------|-------------------------------|--|
| Geoffrey Greener | Chief Risk Officer | Chief Risk Officer of Bank of America Corporation |
| Thomas M. Scrivener | Chief Operations Executive | Chief Operations Executive of Bank of America Corporation |
| Lauren A. Mogensen | Global General Counsel | Global General Counsel of Bank of America Corporation |
| Lionel L. Nowell, III | Lead Independent Director | Lead Independent Director, Bank of America Corporation; Former Senior Vice President and Treasurer, PepsiCo, Inc. |
| Sharon L. Allen | Director | Former Chairman, Deloitte LLP |
| Jose E. Almeida | Director | Chairman, President and Chief Executive Officer of Baxter International Inc. |
| Pierre J.P. de Weck ¹ | Director | Former Chairman and Global Head of Private Wealth Management, Deutsche Bank AG |
| Arnold W. Donald | Director | Former President and Chief Executive Officer, Carnival Corporation & Carnival plc |
| Linda P. Hudson | Director | Former Executive Officer, The Cardea Group, LLC and Former President and Chief Executive Officer of BAE Systems, Inc. |
| Monica C. Lozano | Director | Lead Independent Director, Target Corporation; Former Chief Executive Officer, Former College Futures Foundation and Former Chairman, US Hispanic Media Inc. |
| Denise L. Ramos | Director | Former Chief Executive Officer and President of ITT Inc. |
| Clayton S. Rose | Director | Baker Foundation Professor of Management Practice at Harvard Business School |
| Michael D. White | Director | Former Chairman, President, and Chief Executive Officer of DIRECTV |
| Thomas D. Woods ² | Director | Former Vice Chairman and Senior Executive Vice President of Canadian Imperial Bank of Commerce; Former Chairman, Hydro One Limited |
| Maria T. Zuber | Director | Vice President for Research and E.A., Griswold Professor of Geophysics, MIT |

 $^{^{\}rm 1}$ Mr. de Weck is a citizen of Switzerland. $^{\rm 2}$ Mr. Woods is a citizen of Canada.

The following sets forth the name and present principal occupation of each executive officer and director of Banc of America Preferred Funding Corporation. The business address of each of the executive officers and directors of Banc of America Preferred Funding Corporation is 214 North Tryon Street, Charlotte, North Carolina 28255.

| None | Position with Banc of America Preferred Funding | Principal Occupation |
|-------------------------------|---|---|
| <u>Name</u> John J. Lawlor | Corporation Director and President | Principal Occupation Managing Director, Municipal Markets and Public Sector Banking Executive of BofA Securities, Inc. and Bank of America, National Association |
| James Duffy | Managing Director | Director; MBAM BFO, The CFO Group of Bank of America, National Association |
| Michael I. Jentis | Managing Director | Managing Director, Head of Sales – Public Finance of BofA Securities, Inc. and Bank of America, National Association |
| Mona Payton | Managing Director | Managing Director, Municipal Markets Executive for Short-Term Trading of BofA Securities, Inc. and Bank of America, National Association |
| Edward J. Sisk | Director and Managing Director | Managing Director, Public Finance Executive of BofA Securities, Inc. and Bank of America, National Association |
| John B. Sprung | Director | Corporate Director |
| David A. Stephens | Director and Managing Director | Managing Director, Executive for Public Finance and Public Sector Credit Products of BofA Securities, Inc. and Bank of America, National Association |

The following sets forth the name and present principal occupation of each executive officer and director of BofA Securities, Inc. The business address of each of the executive officers and directors of BofA Securities, Inc. is One Bryant Park, New York, NY 10036.

| Name | Position with BofA Securities, Inc. | Principal Occupation |
|--------------------|---|--|
| Soofian J. Zuberi | Chairman of the Board, Chief Executive Officer and Director | Managing Director; Head of Global Equities |
| Laura Chepucavage | Director | Managing Director; Head of Global Financing & Futures, Global Rates and Counterparty Portfolio Mgmt |
| Sarang R. Gadkari | Director | Managing Director; Co-Head of Global Capital Markets |
| Matthew C. McQueen | Director | Managing Director; Head of Global Mortgages & Securitized Products and Municipal Banking & Markets |
| Faruqe Alam | Chief Financial Officer | Managing Director; BofA Securities, Inc. and Merrill Lynch, Pierce, Fenner & Smith CFO, Broker Dealer Legal Entity Controller |
| Glen A. Rae | Chief Legal Officer | Deputy General Counsel & Managing Director; Legal Executive |
| Joseph A. Guardino | Chief Operations Officer and Managing Director | Managing Director; Equities Operations, Client Service, EMEA & AMRS Branch Operations and LATAM & Canada Operations |
| Kashyap Bhatia | Chief Compliance Officer/ Broker-Dealer; Co- Chief Compliance Officer/Futures Commission Merchant | Managing Director; Global Markets Compliance and Operational Risk Executive |
| Edward McLaren | Chief Compliance Officer/Futures Commission Merchant and Managing Director | Managing Director; Compliance and Operational Risk Executive |
| Claire Bliss | Chief Compliance Officer/Registered Investment Advisor | Managing Director; Compliance and Operational Risk Executive |
| Manami Ishii | Treasurer and Managing Director | Director; Sr Asset Liability Manager, The CFO Group |
| Luigi Ricciardi | Anti-Money Laundering Compliance Officer | Director; Global Financial Crimes Executive I |

SCHEDULE II

LITIGATION SCHEDULE

Bank of America Corporation and certain of its affiliates, including BofA Securities, Inc. ("BofA Securities," successor in interest to Merrill Lynch, Pierce, Fenner & Smith Incorporated) and Bank of America, N.A., have been involved in a number of civil proceedings and regulatory actions which concern matters arising in connection with the conduct of its business. Certain of such proceedings have resulted in findings of violations of federal or state securities laws. Such proceedings are reported and summarized in the BofA Securities Form BD as filed with the SEC, which descriptions are hereby incorporated by reference.

JOINT FILING AGREEMENT

Pursuant to and in accordance with the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and the rules and regulations thereunder, each party hereto hereby agrees to the joint filing, on behalf of each of them, of any filing required by such party under Section 13 or Section 16 of the Exchange Act or any rule or regulation thereunder (including any amendment, restatement, supplement, and/or exhibit thereto) with the Securities and Exchange Commission (and, if such security is registered on a national securities exchange, also with the exchange), and further agrees to the filing, furnishing, and/or incorporation by reference of this agreement as an exhibit thereto. This agreement shall remain in full force and effect until revoked by any party hereto in a signed writing provided to each other party hereto, and then only with respect to such revoking party.

IN WITNESS WHEREOF, each party hereto, being duly authorized, has caused this agreement to be executed and effective as of the date set forth below.

Date: November 18, 2024

BANK OF AMERICA CORPORATION

By: /s/ Andres Ortiz Name: Andres Ortiz Title: Authorized Signatory

BANC OF AMERICA PREFERRED FUNDING CORPORATION

By: /s/ Andres Ortiz Name: Andres Ortiz Title: Authorized Signatory

BOFA SECURITIES, INC.

By: /s/ Andres Ortiz Name: Andres Ortiz Title: Authorized Signatory

BANK OF AMERICA CORPORATION

LIMITED POWER OF ATTORNEY

BANK OF AMERICA CORPORATION, a Delaware corporation (the "Corporation"), does hereby make, constitute, and appoint each of Marie Andre, Andres Ortiz Custodio, Kamil Dziedzic, Valerie Ezeagbo, Kelvin Kwo k, Frank Lui, James Todd, Ben Tsoi, Michelle Wong, and Monica Yako as an attorney-in-fact for the Corporation acting for the Corporation and in the Corporation's name, place and stead, for the Corporation's use and benefit, to bind the Corporation by their execution of those agreements, forms and documents related specifically to Section 13 and Section 16 of the Securities Exchange Act of 1934, and other large shareholder and short position regulatory reporting requirements in other jurisdictions.

Any documents executed by an attorney-in-fact in accordance with this Limited Power of Attorney shall fully bind and commit the Corporation and all other parties to such documents may rely upon the execution thereof by the attorney -in fact as if executed by the Corporation and as the true and lawful act of the Corporation.

This Limited Power of Attorney shall automatically terminate as to the authority of Marie Andre, Andres Ortiz Custodio, Kamil Dziedzic, Valerie Ezeagbo, Kelvin Kwok, Frank Lui, James Todd, Ben Tsoi, Michelle Wong, and Monica Yako upon the earlier of the date period of 12 months from the date hereof or the attorney-in-fact's resignation or termination from or transfer out of the Global Markets Non- Financial Regulatory Reporting Department; however, any such resignation, termination or transfer shall have no impact on any documents or instruments executed by any attorney-in-fact named above for the Corporation prior to such resignation, termination or transfer.

This Limited Power of Attorney shall revoke the Limited Power of Attorney executed by the Corporation on May 11, 2023; however, such revocation shall have no impact on any actions taken pursuant to that Power of Attorney.

IN WITNESS WHEREOF, this Power of Attorney has been executed and delivered by the Corporation to the Attorney-in-Fact on this 7th day of May, 2024.

BANK OF AMERICA CORPORATION

By Ellen A Perrin Ellen A. Perrin

Associate General Counsel, Senior Vice President and Assistant Secretary