ARROWHEAD RESEARCH CORP Form 8-K May 13, 2009

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

PURSUANT TO SECTION 13 OR 15(D) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported): May 13, 2009

Arrowhead Research Corporation

(Exact name of registrant as specified in its charter)

0-21898

(Commission File Number)

Delaware (State or other jurisdiction

46-0408024 (IRS Employer

of incorporation) **Identification No.)** 201 South Lake Avenue, Suite 703, Pasadena, CA 91101

(Address of principal executive offices) (Zip Code)

Registrant s telephone number, including area code (626) 304-3400

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b)
- Pre-commencement communications pursuant to Rule 13e-4 (c) under the Exchange Act (17 CFR 240.13e-4(c)

Item 7.01. Regulation FD Disclosure.

On May 13, 2009, Unidym, Inc., a majority-owned subsidiary of Arrowhead Research Corporation (the Company), announced via news release posted on its website, www.unidym.com that it has entered into a joint development agreement with LG Display. As part of the Agreement, Unidym will develop and supply CNT films and CNT inks that are optimized for LGD s purpose.

The release will also be posted on the Company s website at www.arrowheadresearch.com.

A copy of Unidym s news release is attached hereto as Exhibit 99.1.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

Exhibit No. Exhibit Description

99.1 Unidym, Inc. News Release released dated May 13, 2009.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Date: May 13, 2009

ARROWHEAD RESEARCH CORPORATION

By: /s/ Paul C. McDonnel Paul C. McDonnel Chief Financial Officer