

ARCA biopharma, Inc.  
Form SC 13G/A  
February 13, 2012

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**SCHEDULE 13G**

Under the Securities Exchange Act of 1934

(Amendment No. 1)\*

**ARCA biopharma, Inc.**

(Name of Issuer)

Common Stock, par value \$0.001 per share

(Title of Class of Securities)

00211Y100

(CUSIP Number)

December 31, 2011

(Date of Event Which Requires Filing of this Statement)

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Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

a.  Rule 13d-1(b)

b.  Rule 13d-1(c)

c.  Rule 13d-1(d)

\* 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 the 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).

CUSIP No. 00211Y100

(1) Names of reporting persons.

I.R.S. Identification Nos. of above persons (entities only)

Cranshire Capital, L.P.

(2) Check the appropriate box if a member of a group (see instructions)

(a)

(b)

(3) SEC use only

(4) Citizenship or place of organization

Illinois

(5) Sole voting power

Number of

shares  (6) Shared voting power

beneficially

owned by   
each (7) Sole dispositive power

reporting

person   
(8) Shared dispositive power

with:

(9) Aggregate amount beneficially owned by each reporting person

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0 (see Item 4)

(10) Check if the aggregate amount in Row (9) excludes certain shares (see instructions)

(11) Percent of class represented by amount in Row (9)

0.0% (see Item 4)

(12) Type of reporting person (see instructions)

PN

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CUSIP No. 00211Y100

(1) Names of reporting persons.

I.R.S. Identification Nos. of above persons (entities only)

Downsview Capital, Inc.

(2) Check the appropriate box if a member of a group (see instructions)

(a)

(b)

(3) SEC use only

(4) Citizenship or place of organization

Illinois

(5) Sole voting power

Number of

shares   
(6) Shared voting power

beneficially

owned by   
each (7) Sole dispositive power

reporting

person   
(8) Shared dispositive power

with:

(9) Aggregate amount beneficially owned by each reporting person

0 (see Item 4)

(10) Check if the aggregate amount in Row (9) excludes certain shares (see instructions)

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(11) Percent of class represented by amount in Row (9)

0.0% (see Item 4)

(12) Type of reporting person (see instructions)

CO; HC

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CUSIP No. 00211Y100

(1) Names of reporting persons.

I.R.S. Identification Nos. of above persons (entities only)

Mitchell P. Kopin

(2) Check the appropriate box if a member of a group (see instructions)

(a)

(b)

(3) SEC use only

(4) Citizenship or place of organization

United States of America

(5) Sole voting power

Number of

shares 0  
(6) Shared voting power

beneficially

owned by 600,510  
each (7) Sole dispositive power

reporting

person 0  
(8) Shared dispositive power

with:

600,510

(9) Aggregate amount beneficially owned by each reporting person

600,510 (see Item 4)

(10) Check if the aggregate amount in Row (9) excludes certain shares (see instructions)

(11) Percent of class represented by amount in Row (9)

4.9% (see Item 4)

(12) Type of reporting person (see instructions)

IN; HC



CUSIP No. 00211Y100

(1) Names of reporting persons.

I.R.S. Identification Nos. of above persons (entities only)

Cranshire Capital Advisors, LLC

(2) Check the appropriate box if a member of a group (see instructions)

(a)

(b)

(3) SEC use only

(4) Citizenship or place of organization

Delaware

(5) Sole voting power

Number of

shares (6) 0  
Shared voting power

beneficially

owned by (7) 600,510  
each Sole dispositive power

reporting

person (8) 0  
Shared dispositive power

with:

(9) 600,510  
Aggregate amount beneficially owned by each reporting person

600,510 (see Item 4)

(10) Check if the aggregate amount in Row (9) excludes certain shares (see instructions)

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(11) Percent of class represented by amount in Row (9)

4.9% (see Item 4)

(12) Type of reporting person (see instructions)

OO

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This Amendment No. 1 is being filed jointly by the Reporting Persons (as defined below) and amends the Schedule 13G initially filed by the Reporting Persons (other than CCA (as defined below)) with the Securities and Exchange Commission (the SEC) on April 28, 2011 (the Schedule 13G).

Except as set forth below, all Items of the Schedule 13G remain unchanged. All capitalized terms not otherwise defined herein shall have the meanings ascribed to such terms in the Schedule 13G.

**Item 2.**

(a) Name of Person Filing

(b) Address of Principal Business Office or, if none, Residence

(c) Citizenship

This Amendment No. 1 is being filed on behalf of (i) Cranshire Capital Advisors, LLC, a Delaware limited liability company (CCA), (ii) Cranshire Capital, L.P., an Illinois limited partnership (Cranshire Capital), (iii) Downsview Capital, Inc., an Illinois corporation (Downsview) and (iv) Mitchell P. Kopin, an individual who is a citizen of the United States of America (Mr. Kopin, together with CCA, Cranshire Capital and Downsview, the Reporting Persons).

CCA serves as the investment manager to each of (i) Cranshire Capital, (ii) Cranshire Capital Master Fund, Ltd., a Cayman Islands exempted company (Cranshire Capital Master Fund), (iii) a managed account (Managed Account 1) and (iv) a second managed account (Managed Account 2). In such capacity, CCA exercises voting and investment power over the shares of Common Stock held for the account of each of Cranshire Capital, Cranshire Capital Master Fund, Managed Account 1 and Managed Account 2.

The Reporting Persons have entered into a Joint Filing Agreement, a copy of which is filed with this Amendment No. 1 as Exhibit 1, pursuant to which the Reporting Persons have agreed to file this Amendment No. 1 and any subsequent amendments jointly in accordance with the provisions of Rule 13d-1(k) of the Securities Exchange Act of 1934, as amended.

The principal business office of all of the Reporting Persons is 3100 Dundee Road, Suite 703, Northbrook, Illinois 60062.

**Item 4. Ownership.**

(a) and (b):

(i) As of the close of business on December 31, 2011, each of CCA and Mr. Kopin may be deemed to have beneficial ownership of 600,510 shares of Common Stock which consists of: (i) 492,858 shares of Common Stock held for the account of Cranshire Capital Master Fund, (ii) 2,000 shares of Common Stock held for the account of Managed Account 1, (iii) 33,333 shares of Common Stock held for the account of Managed Account 2, and (iv) 72,319 shares of Common Stock issuable upon exercise of the Warrant, and all such shares of Common Stock represent beneficial ownership of approximately 4.9% of the Common Stock, based on (1) 12,182,999 shares of Common Stock issued and outstanding on December 22, 2011 as disclosed in the Form S-3 Registration Statement filed by the Issuer on January 12, 2012, plus (2) 72,319 shares of Common Stock issuable upon exercise of the Warrant.

The foregoing excludes (I) 457,092 shares of Common Stock issuable upon exercise of the Warrant because the Warrant contains a blocker provision under which the holder thereof does not have the right to exercise the Warrant to the extent (but only to the extent) that such exercise would result in beneficial ownership by the holder thereof or any of its affiliates, of more than 4.9% of the Common Stock, (II) 332,144 shares of Common Stock issuable upon exercise of a warrant held by Cranshire Capital Master Fund (the Master Fund Warrant) because the Master Fund Warrant is not exercisable until the six (6) month anniversary of the date of issuance (and the Master Fund Warrant also contains a blocker provision under which the holder thereof does not

have the right to exercise the Master Fund Warrant to the extent (but only to the extent) that such exercise would result in beneficial ownership by the holder thereof or any of its affiliates, of more than 4.9% of the Common Stock), (III) 58,824 shares of Common Stock issuable upon exercise of a warrant held by Managed Account 1 (the Managed Account 1 Warrant ) because the Managed Account 1 Warrant contains a blocker provision under which the holder thereof does not have the right to exercise the Managed Account Warrant to the extent (but only to the extent) that such exercise would result in beneficial ownership by the holder thereof or any of its affiliates, of more than 4.9% of the Common Stock, (IV) 25,000 shares of Common Stock issuable upon exercise of a warrant held by Managed Account 2 (the Managed Account 2 Warrant ) because the Managed Account 2 Warrant is not exercisable until the six (6) month anniversary of the date of issuance (and the Managed Account 2 Warrant also contains a blocker provision under which the holder thereof does not have the right to exercise the Managed Account 2 Warrant to the extent (but only to the extent) that such exercise would result in beneficial ownership by the holder thereof or any of its affiliates, of more than 4.9% of the Common Stock). Without such blocker provisions (and assuming the Master Fund Warrant and Managed Account 2 Warrant are currently exercisable), each of CCA and Mr. Kopin may be deemed to have beneficial ownership of 1,473,570 shares of Common Stock.

(ii) As of the close of business on December 31, 2011, each of Cranshire Capital and Downsview may be deemed to have beneficial ownership of no shares of Common Stock.

(c) (i) Number of shares as to which each of CCA and Mr. Kopin has:

(i) Sole power to vote or to direct the vote: 0.

(ii) Shared power to vote or to direct the vote 600,510.

(iii) Sole power to dispose or to direct the disposition of 0.

(iv) Shared power to dispose or to direct the disposition of 600,510.

(ii) Number of shares as to each of Downsview and Cranshire Capital has:

(i) Sole power to vote or to direct the vote: 0.

(ii) Shared power to vote or to direct the vote 0.

(iii) Sole power to dispose or to direct the disposition of 0.

(iv) Shared power to dispose or to direct the disposition of 0.

#### **Item 5. Ownership of Five Percent or Less of a Class**

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than 5 percent of the class of securities, check the following  .

EXPLANATORY NOTE: Each of the Reporting Persons (other than CCA) has ceased to be the beneficial owner of more than 5 percent of the class of securities. CCA has never been the beneficial owner of more than 5 percent of the class of securities.

#### **Item 10. Certification**

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

**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: February 13, 2012

CRANSHIRE CAPITAL, L.P.

By: Downsview Capital, Inc., its general partner

By: /s/ Mitchell P. Kopin  
Mitchell P. Kopin, President

DOWNSVIEW CAPITAL, INC.

By: /s/ Mitchell P. Kopin  
Mitchell P. Kopin, President

CRANSHIRE CAPITAL ADVISORS, LLC

By: /s/ Mitchell P. Kopin  
Mitchell P. Kopin, Managing Member

/s/ Mitchell P. Kopin  
Mitchell P. Kopin

**JOINT FILING AGREEMENT**

The undersigned acknowledge and agree that the foregoing statement on Schedule 13G is filed on behalf of each of the undersigned and that all subsequent amendments to this statement on Schedule 13G may be filed on behalf of each of the undersigned without the necessity of filing additional joint filing agreements. The undersigned acknowledge that each shall be responsible for the timely filing of such amendments, and for the completeness and accuracy of the information concerning him or it contained herein and therein, but shall not be responsible for the completeness and accuracy of the information concerning the others, except to the extent that he or it knows or has reason to believe that such information is inaccurate.

Dated: February 13, 2012

CRANSHIRE CAPITAL, L.P.

By: Downsview Capital, Inc., its general partner

By: /s/ Mitchell P. Kopin  
Mitchell P. Kopin, President

DOWNSVIEW CAPITAL, INC.

By: /s/ Mitchell P. Kopin  
Mitchell P. Kopin, President

CRANSHIRE CAPITAL ADVISORS, LLC

By: /s/ Mitchell P. Kopin  
Mitchell P. Kopin, Managing Member

/s/ Mitchell P. Kopin  
Mitchell P. Kopin