

Suite 1200 – 570 Granville Street Vancouver, BC Canada V6C 3P1

September 5 2014 TSXV: UAX

US Symbol: ATURF

ATHABASCA URANIUM CHANGES DIRECTORS

Athabasca Uranium Inc. ("Athabasca" or the "Company") announces the appointment of Mr. Richard Ko, CA, and the resignation of Ms. Paula Rogers as members of the Board of Directors, effective immediately.

Mr. Ko is a Chartered Accountant with significant experience as senior management and as a director of Canadian junior public companies in the resource sector, including Unity Energy Corp., Patrone Gold Corp. and Menika Mining Ltd.

Mr. Ko will replace Ms. Rogers on the Board and on the Audit Committee of the Company. The Company wishes to thank Ms. Rogers for her significant contributions to the development of the Company as a member of its Board of Directors since early 2012.

About Athabasca Uranium

Athabasca Uranium Inc. is a uranium exploration and development company exploring an aggregate of over 55,000 hectares strategically located in the uranium-rich Athabasca Basin region of northeast Saskatchewan. The Company's stated vision is to explore the region using leading-edge technology to become a world-class uranium mining company. Additional information on Athabasca Uranium and its vision is available on the Company's website at www.athabascauranium.com.

ON BEHALF OF THE BOARD OF DIRECTORS

"Gil Schneider"

Gil Schneider, President & CEO

For information, please contact the Company:

Toll-Free: (866) 869-8072

E-mail: info@athabascauranium.com

Neither the TSX Venture Exchange nor its Regulations Services Provider (as that term is defined in policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.