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): August 31, 2018

MEDPACE HOLDINGS, INC.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation) 001-37856 (Commission File Number) 32-0434904 (IRS Employer Identification No.)

5375 Medpace Way Cincinnati, Ohio 45227 (513) 579-9911 (Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

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)

Dere-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

Dere-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company X

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On August 31, 2018, Dr. Supraj R. Rajagopalan, a member of the Board of Directors (the "Board") of Medpace Holdings, Inc. (the "Company") and the chairperson of the Compensation Committee thereof, notified the Board of his resignation, effective as of August 31, 2018. Dr. Rajagopalan's resignation related to the recent complete divestiture of holdings in the Company by investment funds affiliated with Cinven Capital Management (V) General Partner Limited and did not result from any disagreement with the Company on any matter relating to its operations, policies or practices.

SIGNATURE

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 hereunto duly authorized.

Date: August 31, 2018

MEDPACE HOLDINGS, INC.

By: /s/ Stephen P. Ewald

Name: Stephen P. Ewald

Title: General Counsel and Corporate Secretary