

## Supplemental Digital Appendix 1

### Questions Regarding Transgender Health Included on the 2018 Physician Assistant Education Association Annual Program Survey

The following questions were included as an addendum to the Physician Assistant Education Association (PAEA) annual Program Survey; <https://paeaonline.org/research/program-report/>. The program survey collects information about program and student characteristics, funding, structure, student financial information and other PA program information and is administered every May. It is mandatory for all PAEA participating PA programs. PAEA has a program called the “STAR” or support to advance research program; <https://paeaonline.org/research/star-program/> in which a researcher can have 10 survey questions included in the annual program survey. Our research was selected as the 2018 STAR award winner and our research questions, below, were included in the 2018 Program Survey.

1) Please select the approximate number of didactic hours spent teaching about transgender health:

☐ 0 ☐ 1-3 ☐ 4-6 ☐ 7-10 ☐ 11-15 ☐ 16-20 ☐ >20

2) At your program, how is information about transgender health delivered (please check all that apply)

☐ As a stand-alone lecture dedicated to the topic of transgender health

☐ As a stand-alone course dedicated to the topic of transgender health

☐ As part of another lecture/course or a few courses

☐ During clinical rotations

☐ We do not currently teach about transgender health

2a) In which lecture/course or courses is information about transgender health delivered? Check as many as apply

- ☐ Medical interview
- ☐ Endocrinology
- ☐ Women's health/OB-Gyn
- ☐ Urology
- ☐ Infectious disease
- ☐ Via problem-based learning (PBL) cases
- ☐ Via OSCEs or simulation
- ☐ During call back session during the clinical year
- ☐ other (Please describe below)

3) Which of the following transgender health topics are taught within your program (select all that apply)

- ☐ Health disparities faced by transgender persons
- ☐ Health access issues/barriers to care faced by transgender persons
- ☐ Differentiating between sex, gender, behavior and/or identity
- ☐ Preferred name and pronouns
- ☐ Mental health among transgender persons
- ☐ Hormone treatment options
- ☐ Surgical treatment options
- ☐ Issues affecting transgender adolescents/children
- ☐ Other, please specify

4) Do you assess knowledge and skills about transgender health? \_\_Y\_\_N

4a) If yes, how is this assessment conducted

☐ Multiple choice questions on an exam

☐ Essay questions on an exam

☐ OSCEs

☐ Reflection

☐ Project or Presentation

☐ Other, please specify

5) Do you have a faculty member knowledgeable in the area of transgender health?

☐Y ☐N ☐Not Sure

6) What barriers exist in providing education about transgender health to PA students at your program? (Select all that apply)

☐ Lack of time/hours in curriculum

☐ Lack of faculty knowledge about transgender health

☐ Lack of faculty comfort regarding teaching transgender health

☐ Lack of student interest/comfort

☐ Transgender health not considered to be an important issue

☐ Institutional culture not supportive of teaching about transgender health at my

University

☐ It is unclear where in the curriculum to include transgender health topics

☐ No barriers exist in providing education about transgender health to PA students in my program

☐ Other, please specify

7) How would you rank the overall coverage of transgender health issues at your program?

1- poor 2- inadequate 3-adequate 4-good 5-very good

8) How important do you think it is to include transgender health issues in PA Education

1- not at all important 2- slightly important 3- moderately important 4- very important 5- extremely important