# **Graduate Medical Trainees Perspectives on Personalized Medicine**



University of Colorado Anschutz Medical Campus

### Background

- An increasing number of providers are being asked to interpret and discuss genetic test results with their patients<sup>3</sup>
- Practicing clinicians have low levels of knowledge of genomics<sup>3,4</sup>
- No previous studies have assessed graduate medical trainees (GMTs) knowledge of or attitudes towards personalized medicine (PM)

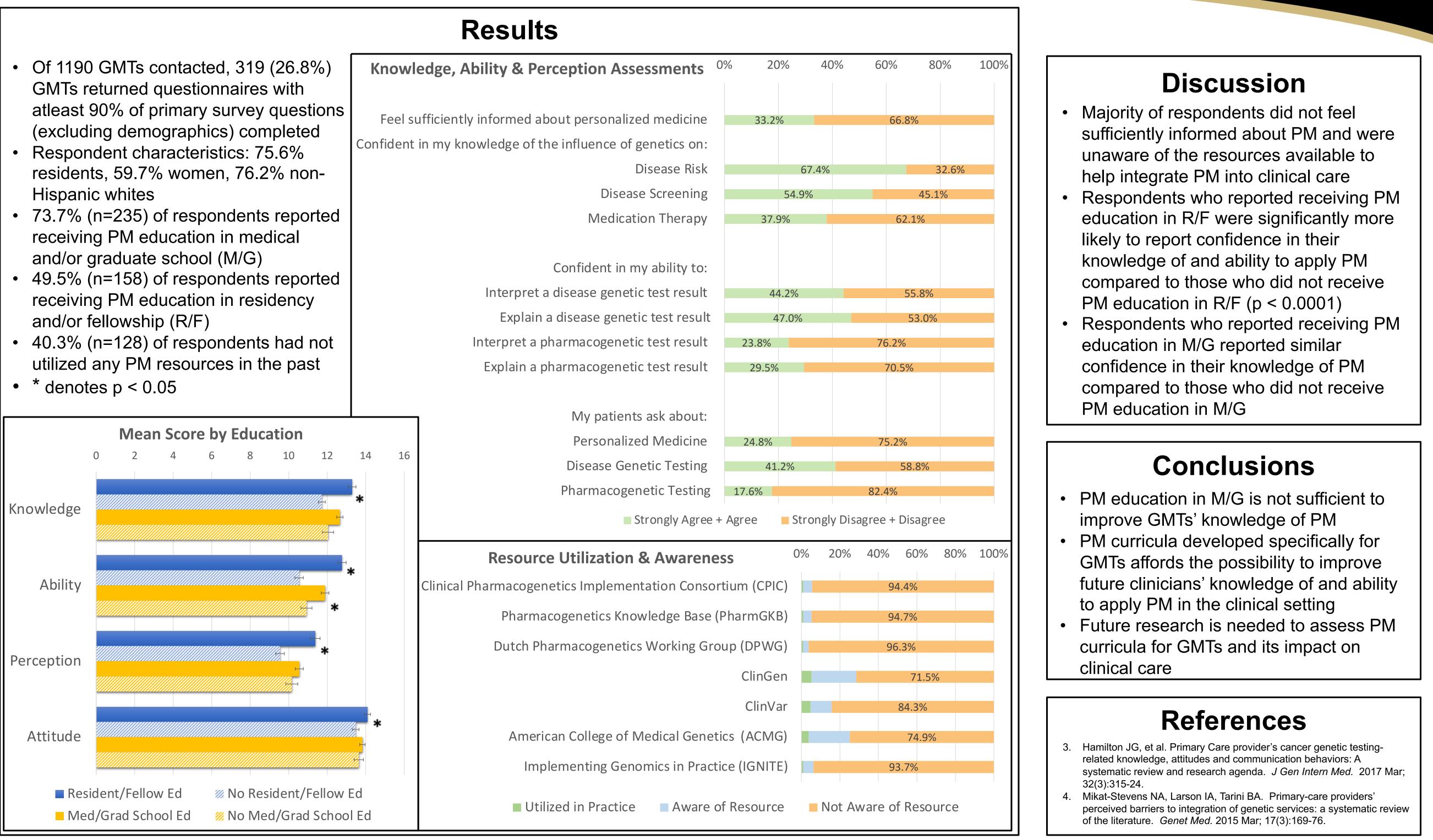
## Study Aim

- To evaluate the knowledge, skills and attitudes local GMTs have toward personalized medicine, including disease genetics & pharmacogenetics (PGx)
- Results will inform future curriculum development for GMTs

## Methods

- An anonymous, 47-item web-based survey was administered to all GMTs affiliated with University of Colorado from December 2019 to January 2020
- Three email reminders were sent and participants were incentivized with the chance to win 1 of 10 gift cards following survey completion
- Descriptive statistics were calculated & associations between categorical variables were assessed using Chi square tests; p<0.05 was considered significant

- Hispanic whites
- and/or fellowship (R/F)



### Elizabeth L Kudron, MD, MPH<sup>1</sup>, Kimberly M Deininger, MPH<sup>2</sup>, Christina L Aquilante, PharmD<sup>2</sup>

<sup>1</sup>Department of Medicine & <sup>2</sup>School of Pharmacy, University of Colorado