TITLE: Adolescent Confidentiality and Online Research in the Era of EHR's and eHealth Technology: A test case for future research

FACULTY MENTOR: Lindsay Thompson MD, MS
                                                                              Email   lathom@ufl.edu
                                                                              Phone   627-9323
FACULTY MENTOR DEPARTMENT   Pediatrics & Health Outcomes and Policy

RESEARCH PROJECT DESCRIPTION   (brief overview of background, hypothesis, methods, role of medical student, funding and relevant publications)

Background: A central tenet of adolescent health is to provide patient care that includes confidential communication between provider and adolescent. In the era of electronic medical records and eHealth technology, little is known how to access adolescents to assess their views on confidential health and healthcare in ways that do not violate state laws and quality of care.

Hypothesis: Adolescents who attend an academic institution's primary care facilities engage in an online portal and will prefer to participate in research if delivered through this online communication tool.

Methods: 1. Description of steps needed to bring all stakeholders together (providers, legal, IRB). We hope this will mostly be completed by Spring 2016
                2. Test case: We want to confidentially survey adolescents about their use of an implantable birth control to assess their satisfaction and perception of efficacy.

Role of medical student: A medical student will be expected to work to critically formulate and write about the difficult process of research with the adolescent population. They will bring together information obtained from key stakeholders to write up a consensus statement and approach. Thereafter, an IRB will be written (in full conjunction with the IRB itself) and a survey drafted. Finally, a survey will be implemented using MyUFHealth, the online patient portal specifically designed for adolescents. Advantages include a dual support in Pediatrics (clinical relevance in general and adolescent medicine) and Health Outcomes and Policy (implementation science, methodology and policy support and relevance towards the Health Outcomes and Policy Pathway). Students from Pediatrics and Health Outcomes and Policy will have mentoring and peer opportunities to have a shared learning experience.

Funding and relevant publications: Current internal efforts by Pediatrics and Health Outcomes and Policy allow for this integrated research.

1. Thompson, L., Novak, M., & Schentrup, A. (2014). Adolescent Health and the Electronic Health Record: Can it be a social media tool for quality adolescent care? *Adolesc Med, 25*(3), 698-710. Retrieved September 23, 2015, from http://ebooks.aappublications.org/content/amstars-social-networking-and-new-technologies-vol-25-no-3
2. Moreno MA, Ralston JD, Grossman DC. Adolescent access to online health services: perils and promise. *J Adolesc Health.* 2009;44(3):244-251.
3. Santelli, J., & Rogers, A.,...Schissel, A. (2003). Guidelines for Adolescent Health Research: A position paper of the Society for Adolescent Medicine. *Journal of Adolescent Health, 33*(5), 396-409. http://dx.doi.org/10.1016/j.jadohealth.2003.06.009
4. Society of Adolescent Medicine. (2004). Access to health care for adolescents and young adults: Position paper of the Society for Adolescent Medicine. *Journal of Adolescent Health, 35*(4), 342–344-342–344. http://dx.doi.org/10.1016/j.jadohealth.2004.03.003