



APhA Initiatives in Genomics Practice and Education

Presentation to the Inter-Society Coordinating Committee for
Practitioner Education in Genomics

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APhA Overview

- 63,000+ members, including Pharmacists, Pharmaceutical Scientists, Student Pharmacists, Pharmacy Technicians, and others interested in improving medication use and advancing patient care
- Members provide care in all practice settings, including community pharmacies, physicians' offices, hospitals, long-term care facilities, community health centers, managed care organizations, hospice settings and the uniformed services



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APhA Activities and Member Engagement

- **Government Affairs/Advocacy:**
 - Monitor and identify legislative and regulatory efforts related to genomics.
 - Pharmacogenomics Work Group: Meets ad hoc to provide feedback to government affairs team advance the pharmacists role in genomics
- **Awareness/Education:**
 - To inform members about the pharmacist's role in genomics, innovative care models, and emerging research



Educational Initiatives

Live Continuing Education:

- RxGenomix
 - 16-hr course created through collaboration between RxGenomix and Manchester University
 - Addresses ACPE Standards and Pharmacist Educational Competencies developed in collaboration with NHGRI
- Rapid Rx: Innovative Practices in Pharmacogenetics
 - PharmTalk (TED Talk format) sessions at Annual Meeting
 - Focus on PGx tests being used clinically, including strategies to integrate pharmacogenetics into treatment paradigms, electronic health records, and collaborate with other members of the health care team.

Educational Initiatives

Webinar/Home-Based Continuing Education:

- Pharmacogenomics: When MTM Gets Personal
 - Overview strategies to implement PGx testing in and develop recommendations for medication therapy management and care coordination based on pharmacogenomic data
- APhA Quick Quiz: Pharmacogenomics
 - Focus on implementation strategies

Barriers to Provider Education

- Need for **multidisciplinary team-based care models in genomics**; collaborative opportunities
- Ensuring that educational and advocacy efforts are **keeping pace with rapidly developing technology and regulatory changes** (e.g., FDA oversight of laboratory testing)
- Wide **variability in pharmacist/speaker readiness** to teach and learn about genomic medicine
- Need for **practice-based guidance in a real-world setting** about incorporating genomic testing into existing care models and busy workflows, in addition to providing foundational knowledge



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Navigating the Path Forward...

- Support and education for integrating **Health Information Technology** and genomics from practice-based perspective
- Providing **guidance to providers on regulatory/legal issues associated with genomic testing**
 - Reimbursable practice models
 - Partnerships with commercial laboratories
 - Practice model, advertising, documentation



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Questions?

