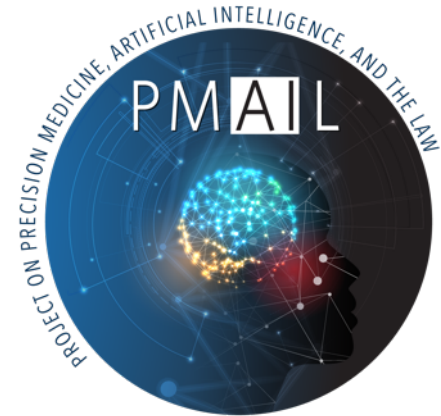


# Stakeholder Roles in Promoting Quality and Trust in Medical AI

W. Nicholson Price II, JD, PhD

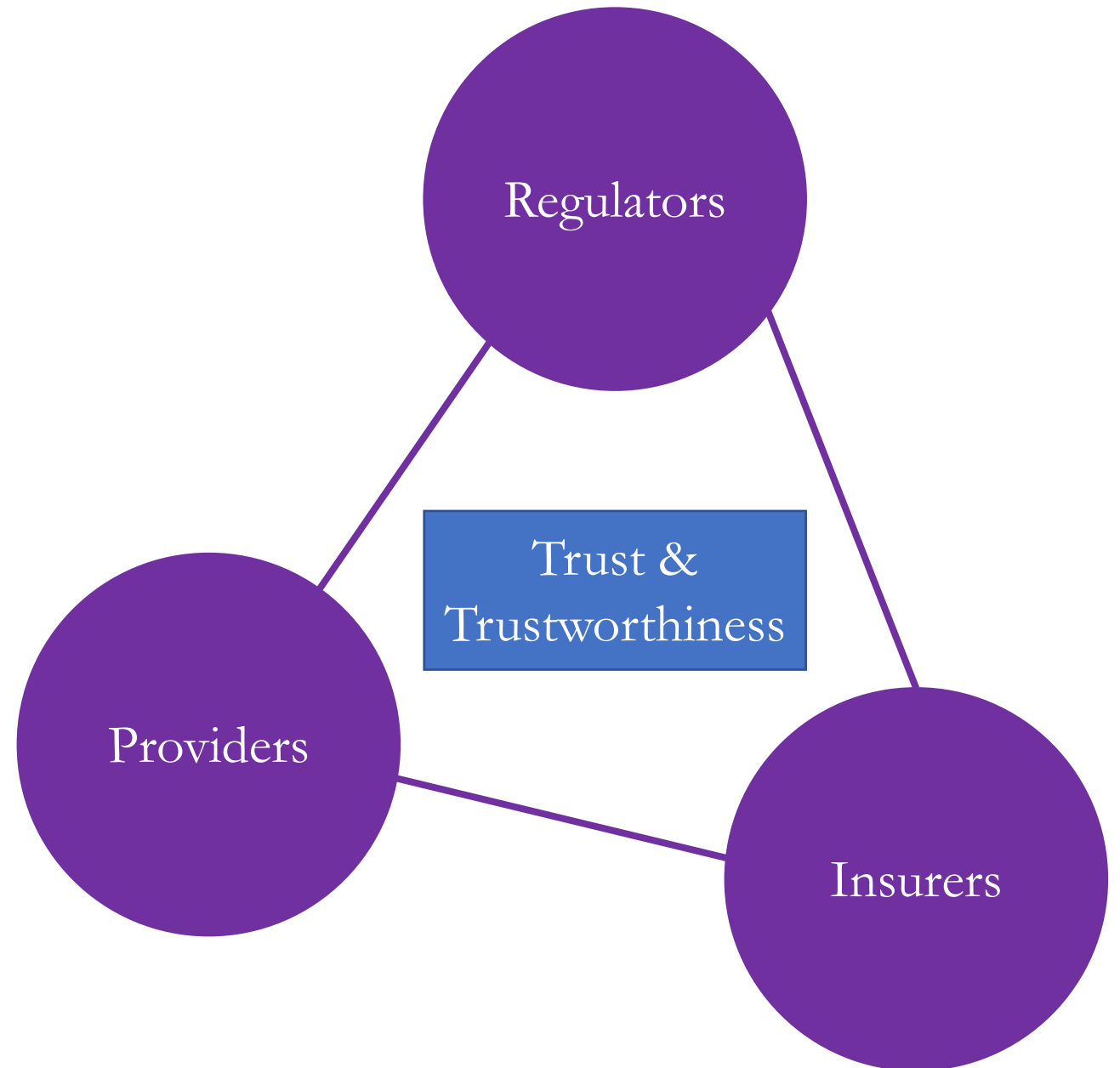
Professor of Law

University of Michigan



# Overview

- Regulators
- Providers
  - Health systems
  - Individuals
- Insurers
  - Payers
  - Liability



# Regulators

- Safety & efficacy
- Representativeness v. bias
- Locked v. learning
- Limits
  - In-house
  - Context specific
  - “medical device”



# Providers: Health Systems



- Distributed governance
  - Ensure local efficacy
  - Ensure local workflow integration
  - Trust from patients and staff
- Clinical champions
- Constant validation/review
- Capacity for low-resource systems?

Price, *Distributed Governance in Medical AI*, SMU Sci Tech Law Rev (2022);

Singh & Price, *Governing Machine Learning at the Bedside* (draft)

# Providers: Individuals

- Can individual providers validate?
- Procedural safety metrics?
- “my patient” v. “machine knows best”
- Liability: a problematic tool



# Insurers: Payers

- Certification role: efficacy, safety
- What are the right incentives?
- *Absent* good payer incentives...
  - Incentives to take the easy path





# Insurers: Liability

- Risk-shifting & mitigation
- Reduction of uncertainty
- Certification
- Market-making function



# Final Thoughts

- Tremendously exciting
- Trust issues are substantial
- Empirical work is needed
- Coordination essential
  
- Questions/thoughts: [wnp@umich.edu](mailto:wnp@umich.edu)