

Education Committee

Committee Co-Chairs: Peter Hu, Yas Simonian, Hassan Aziz
PSFF Board Liaison: Nancy Stratton

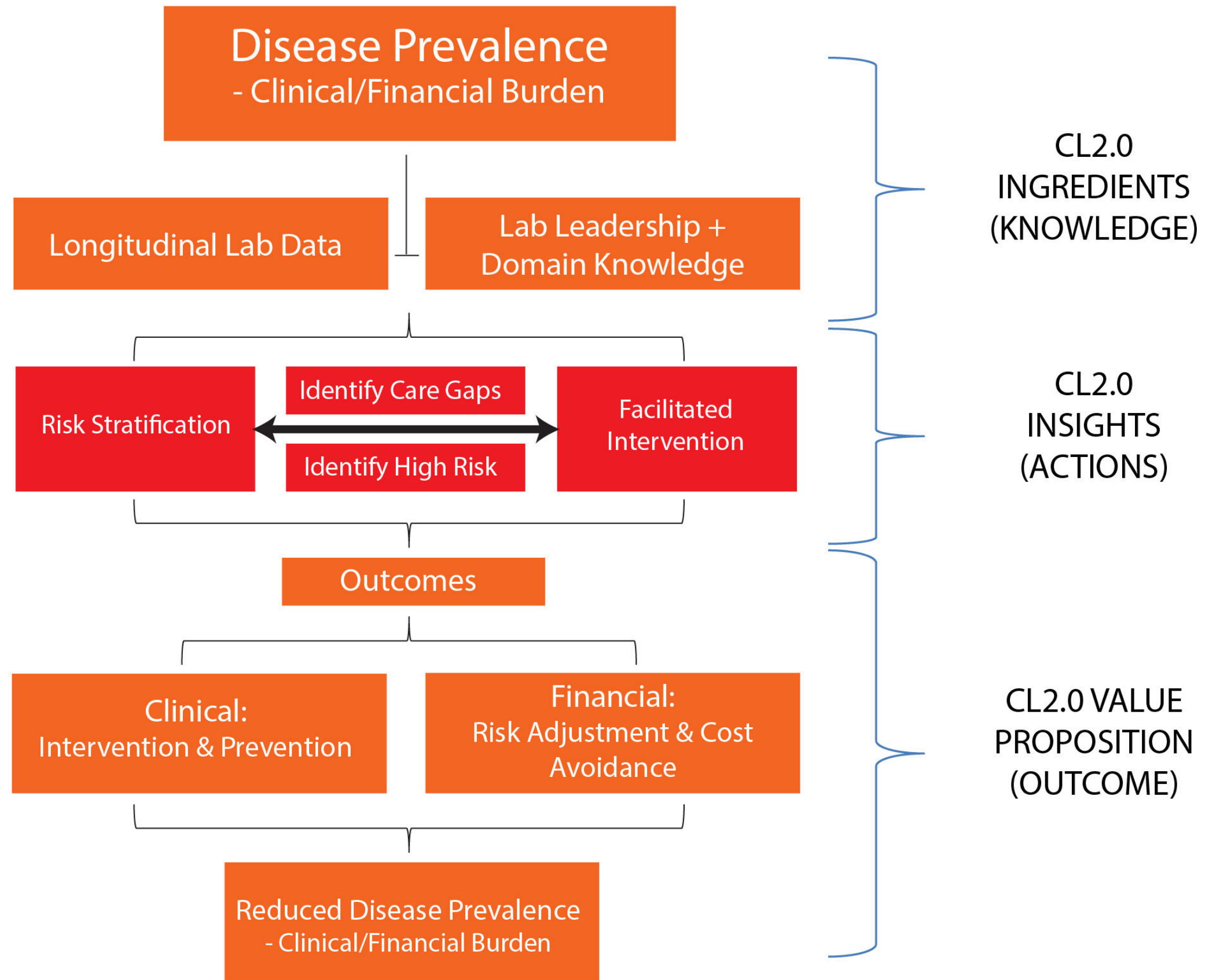
Education Committee Mission Statement:

Educate and unite healthcare providers, laboratorians, and public health experts in order to foster collaboration with laboratory diagnostics to enhance population health outcomes.

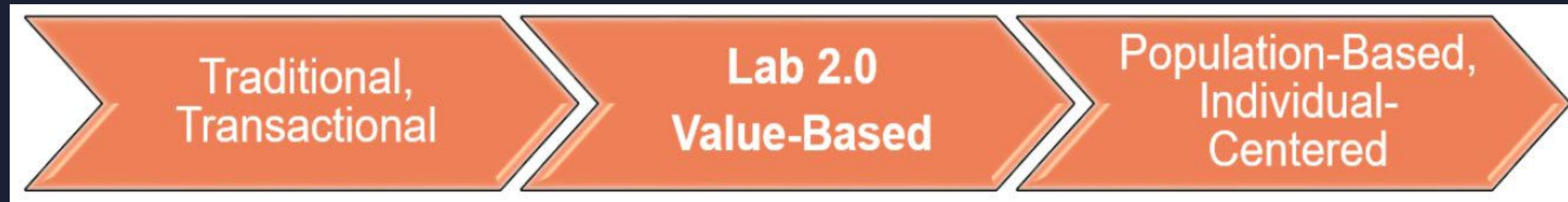
Leverage data management, risk stratification, and early detection to close gaps in patient care and support proactive, well-care practices.

Track individuals over time, with a focus on diagnostic stewardship and minimizing episodic care variations, to improve healthcare cost-effectiveness and quality, ensuring patients receive timely and appropriate care across their treatment journey.

CL2.0 Pathway:



Education Committee's Value Proposition



Integrate lab data healthcare continuum

- Trends
- Predict potential health issues
- Enable early interventions



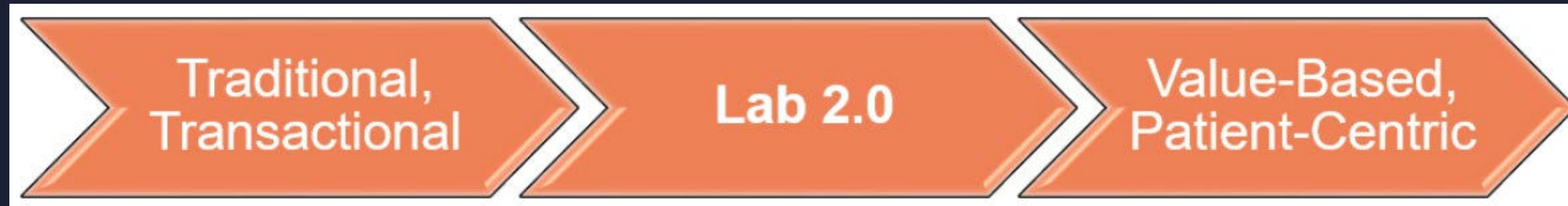
Diagnostic Health Consultants

- Improve lab efficiency and support better clinical decision-making
- Transition from volume-based to value-based
- Provide predictive diagnosis

Diagnostic Health → **Overall Wellness**

Diagnostic Health Consultants bridge the gap between laboratory data and clinical practice.

- Bachelor's degree in medical laboratory science PLUS advanced degree
 - Consulting experience in clinical laboratory space



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Diagnostic Stewardship

- Prevent escalation of diseases
- Minimize need for expensive treatments
- Care variation optimization

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Diagnostic Optimization

- Interdisciplinary Training
- Patient Education and Engagement
- Technology Utilization

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Education Committee: 9 step Business Canvas

<p>Partnerships</p> <ul style="list-style-type: none"> • Healthcare Institutions and Laboratories • Professional pathology and laboratory science Associations and organizations • Public Health Organizations • Technology Firms for data analytics and health informatics • Payers and Educators 	<p>Activities</p> <ul style="list-style-type: none"> • Design comprehensive curriculum and coursework integrating Clinical Lab 2.0 principles, data analytics, and predictive modeling. • Launch and maintain categorical certification and fellowship programs, offering multiple tracks (diagnostic/population health analyst, clinical stewardship, and population health). • Conduct research on clinical applications of longitudinal data, risk stratification, and care models to refine educational content continually. • Promote the role of laboratorians in preventive care through public awareness and stakeholder education. 	<p>Value Propositions</p> <ul style="list-style-type: none"> • Improve the health, empowering laboratory health professionals to their greatest effectiveness – define diagnostic optimization (use of longitudinal data to drive decisions). • From reactive confirmation to proactive prediction • Laboratory should drive the process Patient education and health equity • Equip laboratory professionals with data-driven, predictive analytics skills for proactive care models. • Utilize risk stratification and longitudinal data for early detection, intervention, and population health management. • Position laboratory professionals as essential in predictive and preventive healthcare. • Develop specialized curriculum, certifications, and fellowships in diagnostic/population health analysis, diagnostic stewardship, and population health. 	<p>Customer Relationships</p> <ul style="list-style-type: none"> • Work with academic institutions and healthcare organizations to co-design curriculum and promote training for emerging needs. • Offer certification renewal programs to foster lifelong to incorporate learning to new technologies, methods, and clinical practice pathways. • Communicate regularly with healthcare leaders, public health officials, payers, and policymakers to illustrate laboratory innovations and advocate for lab-driven models in preventive care. 	<p>Customer Segments</p> <ul style="list-style-type: none"> • Pathologists, medical laboratory professionals, and other laboratory-based healthcare professionals needing upskilling in analytics, risk stratification, and preventative care. • Healthcare Leaders and Administrators managing clinical outcomes, cost optimization, and population health strategies. • Educational Institutions offering degrees in lab sciences that could integrate advanced curricula and certification pathways. • Public Health organizations needing insight into public health trends, risk adjustment, and predictive laboratory-driven health measures.
<p>Cost Structure</p> <ul style="list-style-type: none"> • Cost of hiring and training skilled faculty and laboratory professionals to deliver content. • Investment in digital learning platforms and data analytics software. • Development costs for educational materials, assessments, and certification renewals. • Costs associated with marketing, stakeholder engagement, awareness campaigns, and partnership development. 	<p>Revenue Stream</p> <ul style="list-style-type: none"> • Tuition and Course Fees from professional certifications, fellowships, and degree-related courses. • Funding or sponsorship from partner healthcare organizations, public health agencies, and tech companies. • Government and Grant Funding focused on public health and workforce development to support education programs. • Ongoing revenue through certification renewals and continuing education and fellowships. 			