THSA
TEXAS HEALTH SERVICES AUTHORITY

Attachments Document

THSA Board Meeting

February 28, 2020

Attachment No. 1

**Minutes of the November 1, 2019
Board Meeting**

TEXAS HEALTH SERVICES AUTHORITY

TEXAS STATE CAPITOL
BETTY KING ROOM, 2E.20
AUSTIN, TX 78701

BOARD OF DIRECTORS MEETING
FRIDAY, NOVEMBER 1, 2019
10:00 A.M.

TEXAS OPEN MEETINGS NOTICE
The THSA Board of Directors is subject to Texas Government Code, Section 551.021:
"Minutes of Open Meeting Required. (a) A governmental body shall prepare and keep minutes or make a recording of each open meeting of the body. (b) The minutes must: (1) state the subject of each deliberation; and (2) indicate each vote, order, decision, or other action taken."

MEMBERS PRESENT
Shannon Calhoun (Chair), Emily Hartmann (Vice-Chair), Jonathan Sandstrom Hill (Treasurer), Paula Anthony-McMann (Secretary), Victoria Bryant, Lourdes Cuellar, Salil Deshpande, Kenneth James, Siobhan Shahan, Carlos Vital, Calvin Green (*HHSC ex-oficio member*), Jeffrey Hoogheem (*DSHS ex-oficio member*)

MEMBERS ABSENT
Jerome Lisk, Leticia Rodriguez

CALL TO ORDER/WELCOME AND INTRODUCTIONS
Mrs. Shannon Calhoun, THSA Board Chair, called the meeting to order at 10:00 a.m. Chair Calhoun proceeded to review the purpose of the THSA under Chapter 182 of the Health and Safety Code.

Update and consideration of THSA's Projects and Programs

Health Information Exchanges Services
Chair Calhoun asked THSA CEO George Gooch to provide an update on health information exchange services. Mr. Gooch provided an update. No action was taken.

Privacy and Security Services
Chair Calhoun asked THSA CEO George Gooch to provide an update on SECURETexas certification. Mr. Gooch provided an update. No action was taken.

Approval of Amendments to HIETexas Privacy and Security Policies and Procedures
BOARD ACTION: Chair Calhoun asked if there was a motion to approve the amendments made to HIETexas Privacy and Security Policies and Procedures. Dr. Paula Anthony-McMann made a motion to approve and was seconded by Dr. Carlos Vital. The motion was approved by a unanimous voice vote.

Update on THSA Collaboration Council
Chair Calhoun asked THSA CEO George Gooch to provide an update on the Collaboration Council. Mr. Gooch provided an update. No action was taken.

BOARD BUSINESS

Consideration of August 16, 2019 Board Hearing Minutes

Approval of Minutes from the August 16, 2019 Board Hearing
BOARD ACTION: Chair Calhoun asked if there were any additions or corrections to the August 16, 2019 hearing minutes. Dr. Salil Deshpande made a motion to approve and was seconded by Mr. Kenneth James. The motion was approved by a unanimous voice vote.

Consideration of Proposed Amendments Fiscal Year 2020 Budget

Approval of Proposed Amendments FY 2020 Budget
Chair Calhoun recognized Mr. George Gooch to update members on the THSA's proposed amendments to the FY 2020 budget. Mr. Gooch reviewed the proposed amendments for the board.

BOARD ACTION: Chair Calhoun asked if there was a motion to approve the THSA's amendments to the fiscal year 2020 budget. Ms. Siobhan Shahan made a motion to approve the amendments to the budget. Ms. Emily Hartmann seconded the motion. The motion was approved by a unanimous voice vote.

Consideration of Fiscal Year 2019 Fourth Quarter Financial Statements:

Approval of THSA's FY 2019 Q4 Financial Statements
Chair Calhoun recognized Mr. Jonathan Sandstrom Hill to review the THSA's 2019 Q4 financial statements through September 30, 2019. Mr. Sandstrom Hill reviewed the financial statements for the board.

BOARD ACTION: Chair Calhoun asked if there was a motion to approve the Financial Statements. Mr. Sandstrom Hill made a motion to approve the Financial Statements. Dr. Salil Deshpande seconded the motion. The motion was approved by a unanimous voice vote.

PUBLIC COMMENT
Chair Calhoun invited public comment from attendees.

Mr. Phil Beckett of HASA informed members on their support of the THSA and continued desire to work collaboratively for the state of Texas.

INFORMATION ITEMS
Chair Calhoun asked members if there were any questions or comments regarding normal THSA business items. No action was taken.

FUTURE AGENDA ITEMS
Chair Calhoun advised members of the THSA Board's meeting schedule. The next Board meeting is Friday, February 28, 2020 at 10:00 a.m. in the Texas State Capitol. No vote or action was taken on this item.

ADJOURN

BOARD ACTION: Chair Calhoun asked for a motion to adjourn. A motion was made by Dr. Paula Anthony-McMann and seconded by Dr. Victoria Bryant. The meeting adjourned at 11:37 a.m.

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Paula Anthony-McMann, Ph.D, THSA Board Secretary

Attachment No. 2

Minutes of the January 30, 2020
Finance Committee Meeting

TEXAS HEALTH SERVICES AUTHORITY

BLUEBONNET CONFERENCE ROOM
901 S. MOPAC EXPRESSWAY
BUILDING 1, SUITE 300
AUSTIN, TX 78746

FINANCE COMMITTEE MEETING
THURSDAY, JANUARY 30, 2020
11:00 A.M.

TEXAS OPEN MEETINGS NOTICE

The THSA Finance Committee is subject to Texas Government Code, Section 551.021: "Minutes of Open Meeting Required. (a) A governmental body shall prepare and keep minutes or make a recording of each open meeting of the body. (b) The minutes must: (1) state the subject of each deliberation; and (2) indicate each vote, order, decision, or other action taken."

MEMBERS PRESENT

Jonathan Sandstrom Hill (Chair), Kenneth James, Carlos Vital

MEMBERS ABSENT

None

CALL TO ORDER/WELCOME AND INTRODUCTIONS

Chair Sandstrom Hill called the meeting to order at 11:12 a.m., welcomed the members of the Finance Committee and guests, and asked Mr. George Gooch to take roll. Chair Sandstrom Hill noted a quorum was present.

PRESENTATIONS

Presentation on THSA's Annual Audit Report by Maxwell, Locke & Ritter

Chair Sandstrom Hill recognized Mr. AJ Zimmerhanzel from the THSA's audit firm, Maxwell, Locke & Ritter, to go over the THSA's 2019 annual audit report. He advised members that the THSA reported another clean audit for FY 2019.

REPORTS, UPDATES, AND POSSIBLE ACTIONS

Consideration of THSA's Annual Audit Report

Approval of THSA's Fiscal Year 2019 Audit Report for full review by THSA Board of

Directors

Chair Sandstrom Hill asked if there was a motion to approve the THSA's FY 2019 Audit Report for full review by THSA Board of Directors. Dr. Carlos Vital made a motion to approve and was seconded by Mr. Kenneth James. The motion was approved by a unanimous voice vote.

FUTURE MEETING SCHEDULE/FUTURE AGENDA ITEMS

Chair Sandstrom Hill update members on the THSA Finance Committee schedule. As per the THSA's financial and accounting policies and procedures, the finance committee will meet again in January 2021 to review the audit report for fiscal year 2020.

The THSA Board of Directors will next meet on Friday, February 28, 2020.

PUBLIC COMMENT

The Finance Committee did not receive any public comments.

ADJOURN

Chair Sandstrom Hill asked for a motion to adjourn. Dr. Carlos Vital made a motion to approve and was seconded by Mr. Kenneth James. The motion was approved by a unanimous voice vote, and the meeting adjourned at 11:35 a.m.

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Jonathan Sandstrom Hill, Chair

Attachment No. 3

Proposed Amendments to
FY 2020 Budget

Attachment No. 4

FY2020 Q1 Financial Statements

Attachment No. 5

Draft THSA Annual Report

TEXAS HEALTH SERVICES AUTHORITY

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TEXAS HEALTH SERVICES AUTHORITY

ANNUAL REPORT

2019

Please direct questions or comments to:

Texas Health Services Authority
901 S. Mopac Expressway,
Building 1, Ste. 300
Austin, Texas 78746
(512) 329-2730

George Gooch	Chief Executive Officer
Annie Nabers	Director of Operations
Stephen Raines	Vice President for External Affairs

Introduction and Background

The Texas Health Services Authority ("the Authority"), as detailed in Chapter 182 of the Texas Health & Safety Code, is a public-private partnership created by the Texas Legislature in 2007 to promote, implement, and facilitate the voluntary and secure electronic exchange of health information in Texas.[1] A 12-member Board of Directors appointed by the Governor of Texas, with the advice and consent of the Texas Senate, governs the Authority.[2]

In 2009, the U.S. Department of Health and Human Services announced the State Health Information Exchange (HIE) Cooperative Agreement Program, which was authorized under the Health Information Technology for Economic and Clinical Health (HITECH) Act, to fund state planning and implementation of electronic health information networks to support higher quality, safer, and more efficient health care. The program first required states to develop strategic and operational plans to guide the establishment and operation of electronic health information networks. States were then eligible for implementation funding following the development of strategic and operational plans.

The Texas Health and Human Services Commission (HHSC) submitted an application to the Office of the National Coordinator for Health Information Technology (ONC) for funding under the State HIE Cooperative Agreement Program. Under the application, the Authority was identified as the state-level entity responsible for implementing HIE in Texas, as referenced in Chapter 182 of the Texas Health & Safety Code. Following approval of the application in 2010, HHSC formally partnered with the Authority to complete development of the State HIE Plan to address several key issues, including governance, finance, technical infrastructure, business operations, privacy, and cybersecurity.

In 2011, the Texas Legislature, via House Bill 300 (2011, 82R), directed the Authority to establish a process by which a "covered entity," as defined by the Texas Medical Records Privacy Act, may apply for certification of their past compliance with state and federal privacy and security standards.[3] Today this program is known as "SECURETexas: Health Information Privacy and Security Certification."[4]

In 2013, the Authority developed "HIETexas," a shared services platform for statewide health information exchange. HIETexas was built to support statewide HIE connectivity, as well as HIE-to-state health data resources connectivity, and connectivity to the national eHealth Exchange, as well as other national networks and frameworks, such as CommonWell and Carequality.

In 2014, the State HIE Cooperative Agreement Program came to an end. That same year, Texas HHSC developed a Medicaid Implementation Advanced Planning Document (IAPD) to submit to The Centers for Medicare and Medicaid Services (CMS) "to continue implementation of the State's HIE Plan developed under the State's HIE Cooperative Agreement Program." These IAPD funds are available to states for HIT and HIE projects through 2021.

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[1] Section 182.108(d), Health & Safety Code
[2] Section 182.108(c), Health & Safety Code
[3] www.THSA.org/privacy-security-certification/securetexas-standards/
[4] *Id.*

In early 2015, THSA went through the Texas Sunset review process, which led to the passage of Texas Senate Bill 203 (2015, 84R), and removed government oversight of the Authority beginning September 1, 2021, which aligned with the availability of federal IAPD funding. During that six-year period, the Authority was to maintain responsibility for statewide health information exchange under Chapter 182, Health & Safety Code.

In October 2015, CMS formally approved Texas's submission of the HIE IAPD for a two-year period. This IAPD would provide approximately $4 million in federal match funding, mostly at a 90:10 rate, to (1) connect Medicaid providers to local HIEs, (2) connect local HIEs to the Authority's HIETexas, and (3) provide emergency department encounter notifications as part of the HIETexas state-level shared services.

In 2019, the Texas Legislature and Governor Greg Abbott approved House Bill 3304 (2019, 86R) which repealed expiration provisions relating to the Authority from Senate Bill 203 (2015, 84R). The bill places the Authority under sunset review with an expiration of September 1, 2027, unless continued under the Texas Sunset Act.

In May 2019, the Authority partnered with HHSC to provide HIE infrastructure for improved HIE connectivity, and an event notification system that supports care coordination use cases by providing a statewide platform to notify authorized healthcare entities of their patients' arrival at an emergency department. These use cases will help Texas Medicaid reduce utilization and hospital readmissions by enabling better follow-up care.

In October 2019, CMS formally approved Texas's submission of the HIE IAPD for another two-year period, expiring in September 2021. This IAPD will build on previous IAPDs, and will provide guidance for the Authority's partnership with HHSC over the next biennium.

The Authority's board of directors conducted four public hearings in 2019 to discuss administrative business. The board plans to conduct multiple hearings in 2020 to hear public testimony regarding (1) the state privacy and cybersecurity in Texas, and (2) the state of interoperability in Texas.

New Board Members

On April 3, 2019 Governor Greg Abbott appointed 12 new members to the Texas Health Services Authority ("the Authority") Board of Directors. Two members, Shannon Calhoun and Paula Anthony-McMann received reappointment. Ms. Calhoun received a new appointment as Board Chair of the Authority. The following chart provides the name and a brief description of each member:

Board Member	Title, Organization
Shannon Calhoun, *Chair*	Independent Healthcare Consultant Goliad, Texas
Emily Hartmann, *Vice Chair*	Executive Director, PHIX (formerly Paso del Norte HIE) El Paso, Texas
Jonathan Sandstrom Hill, *Treasurer*	General Counsel, Capitol Commercial Investments Austin, Texas
Paula Anthony-McMann, *Secretary*	Chief Strategy Officer, UT Health East Texas Tyler, Texas
Victoria Ai Linh Bryant	Pharmacist and Founder, Ambassador Caregivers LLC Houston, Texas
Lourdes Cuellar	Retired, former administrative director of pharmacy at TIRR Memorial Hermann Houston, Texas
Salil Deshpande	Chief Medical Officer, UnitedHealthcare Houston, Texas
Kenneth James	Vice President of Operations, Superior Health Plan Volente, Texas
Jerome Lisk	Director of Movement Disorders at the Neurological Institute at Christus Trinity Mother Francis Hospital Tyler, Texas
Leticia Rodriguez	CEO, Ward Memorial Hospital

	Monahans, Texas
Siobhan Shahan	Area Supervisor, ResCare Inc.
	Lubbock, Texas
Carlos Vital	President and CEO, Vital Allergy & Asthma Center
	Friendswood, Texas
Calvin Green *Ex-officio*	Deputy Executive Commissioner of Performance, Texas Health & Human Services Commission
	Elgin, Texas
Jeffrey Hoogheem *Ex-Officio*	Director of Health Emergency Preparedness and Response, Texas Department of State Health Services
	Austin, Texas

2019 Activities

The Texas Health Services Authority ("the Authority") is building a statewide network that facilitates exchange among healthcare stakeholders statewide, called "HIETexas," to ensure a patient's health information follows them regardless of where they receive treatment or where the information is stored.

HIETexas enables secure electronic exchange of patient data in near real time, which improves health outcomes, saves lives and reduces costs. At the heart of HIETexas is a strong security framework that protects patient data and ensures that patient preferences and privacy are respected. Through partnership with HHSC, the Authority has begun the build out of an HIE network to support the health care system in the state and improve patient safety and quality of care.

New Partnership with HHSC

The Centers for Medicare and Medicaid Services (CMS) approved the Texas Medicaid Health Information Exchange (HIE) Implementation Advanced Planning Document (IAPD), in follow up to Texas's State HIE Plan developed under the State HIE Cooperative Agreement Program. CMS also approved a new IAPD on October 1, 2019. The Authority is working with Texas Medicaid to implement the IAPD as soon as possible. The Authority and HHSC signed a contract relating to this IAPD on May 15, 2019. The IAPD includes three strategies:

Strategy 1: Medicaid Provider HIE Connectivity

This strategy will help Medicaid providers and hospitals connect to HHSC-approved local HIE organizations. These connections will facilitate electronic reporting and data exchange between providers and Texas Medicaid via HIETexas. Selected local HIE organizations must demonstrate technical readiness to establish connectivity capable of secure information exchange and exchange of messages including HL7 Consolidated Clinical Document Architecture (C-CDA) Transition of Care (ToC) Documents, and Admission, Discharge, Transfer (ADT) data. Selected local HIE organizations will require utilization of the Authority's HIETexas to transmit C-CDA ToC Summaries to Medicaid from provider EHRs connected by this strategy.

Strategy 2: HIE Infrastructure

This strategy includes enhancing the state's HIE infrastructure to support connectivity with the state's Medicaid system and assisting local HIEs in implementing connections to HIETexas. This funding will help alleviate a financial barrier to local HIEs' participation in the statewide network. Connections implemented under this strategy must support the delivery of data from local HIEs participating in Strategy 1 and seeking to forward this data to Medicaid via HIETexas.

Strategy 3: Emergency Department Encounter Notifications (EDEN)

EDEN's method of implementation and governance will benefit the entire healthcare community. This strategy supports care coordination use cases by providing a statewide platform to notify

authorized healthcare entities of their patients' arrival at an emergency department (ED). These use cases will help Texas Medicaid reduce ED utilization and hospital readmissions by enabling better follow-up care. The electronic receipt of data from hospital EDs and the publishing of alerts to Medicaid Managed Care Organizations (MCOs), Dental Maintenance Organizations (DMOs), Texas Medicaid and local HIE partners accomplishes this objective.

Patient Unified Lookup System for Emergencies (PULSE)

The Authority was originally created in response to the aftermath of Hurricane Katrina in 2006, when individuals receiving healthcare in shelters could not ascertain their medication histories to better inform care. Over a decade later, Hurricane Harvey reinforced the need for statewide HIE to support care for individuals displaced from their homes by allowing their health information to follow them wherever they go, including shelter locations.

PULSE is a web application that uses a standard browser on a tablet or laptop to securely obtain medical information for patients evacuated to temporary shelter locations such as a stadium, school or church. This allows an authorized emergency services registered volunteer the ability to determine a patient's medical history from connected organizations, providing current medications, allergies and recent laboratory results.

The concept of PULSE can be traced to 2014 when the federal Office of the National Coordinator for Health Information Technology (ONC) published a report entitled HIE Services in Support of Disaster Preparedness and Emergency Medical Response.[5] The next year, the federal government funded a project to define the primary use case and an initial architecture design for PULSE. ONC also published a report entitled Patient Unified Lookup System for Emergencies.[6]

In July 2017, PULSE went live and was ready for use. That same year, ONC contracted with the Sequoia Project to develop the PULSE governance model. Subsequently, Sequoia Project assumed ownership of the PULSE initiative and facilitates a monthly PULSE Advisory Council composed of a panel of broad industry stakeholders.

The Authority continues to work with HHSC, the Texas Division of Emergency Management and the Texas Department of State Health Services to implement the PULSE system in Texas.

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[5] www.healthit.gov/sites/default/files/hiefordisasterresponse_final_04232014.pdf
[6] www.healthit.gov/sitesdefault/files/providers/PULSE_Report4-9-15.pdf

Progress Since 2018 Report

In the 2018 annual report, the Authority noted recommendations received from stakeholders during its public hearings on (1) the state of privacy and cybersecurity, and (2) the state of interoperability. An update follows each recommendation.

Issue 1A- Health Information Exchange Services in Texas

Recommendation 1: The Sunset Advisory Commission and Texas Legislature should review the agency to evaluate the need for, the performance of and improvements to the Authority, and improve future HIE and HIT federal funding opportunities at the state and local level.

> **Update**: The Texas Legislature passed and Governor Greg Abbott signed House Bill 3304 (2019, 86R), which extended the statute authorizing the Authority as a public-private partnership through 2027 subject to review by the Sunset Advisory Commission.

Recommendation 2: Clarify in statute where state health agencies should collaborate with the Authority for health information exchange initiatives.

> **Update**: This was considered as part of passage of House Bill 3304 (2019, 86R). Continuation of the Authority's governmental status will better allow the Authority to work with other state health agencies through at least 2027 when the Authority goes through the Sunset Review process again.

Issue 1B- Health Information Exchange (HIE) and Prescription Drug Monitoring Program (PDMP) Connectivity

Recommendation 1: Include the Authority in efforts to improve and monitor development and integration of the state prescription drug monitoring program to determine use cases for integration with health information exchange.

> **Update**: Passage of House Bill 3304 (2019, 86R) will allow the Authority to be included in these activities as a governmental entity beyond its original 2021 Sunset date. The Authority will continue to monitor these activities for inclusion in potential use cases moving forward.

Recommendation 2: Texas Medicaid should work to implement health IT strategies to utilize the 90:10 funding available from CMS to connect PDMP, EHR and HIE technology.

> **Update**: Texas Medicaid included reference to the state PDMP in its draft State Health IT Strategic Plan, which will likely become final in early 2020. The Authority will continue to monitor these activities for inclusion in potential use cases moving forward.

Issue 1C- Utilizing Statewide HIE for Disaster Response

Recommendation 1: The Authority's enabling statute, Chapter 182, Health & Safety Code, should be amended to include specific authority to coordinate health information exchange efforts during natural disasters in partnership with other appropriate local and state entities.

> **Update**: There are no significant updates available regarding this recommendation. However, it has since been determined that this level of specificity is not required for the Authority to implement the PULSE system.

Recommendation 2: Texas should continue to pursue 90:10 IAPD matching funds from CMS for the Authority to implement PULSE in partnership with public and private entities.

> **Update**: More updates will be provided on this recommendation in 2020. For more information on PULSE, please see www.thsa.org/pulse.

Issue 2 - Privacy and Security Certification

Recommendation 1: Continue to enhance SECURETexas Certification through the inclusion of cybersecurity provisions in the certification standards.

> **Update**: The Authority does not possess the regulatory authority to amend the SECURETexas standards unilaterally. However, HHSC does have this authority pursuant to Section 182.108, Health and Safety Code. The Authority will work with HHSC to address the inclusion of these cybersecurity safeguards moving forward.

Analysis and Conclusion

The Texas Health Services Authority ("the Authority") made significant progress in the past year to improve health information exchange (HIE) in Texas. Through partnerships established this year with the Texas Health and Human Services Commission (HHSC) and developing relationships with local HIEs, Medicaid Managed Care Organizations (MCOs), hospitals, health care providers and other state agencies, the Authority will have even more good news to report next year.

Attachment No. 6

**Meeting Materials from the
February 7, 2020
Collaboration Council Meeting**

THSA
TEXAS HEALTH SERVICES AUTHORITY

TEXAS HEALTH SERVICES AUTHORITY
COLLABORATION COUNCIL MEETING
WEDNESDAY, FEBRUARY 5, 2020
2:00 p.m. to 3:30 a.m.

Dial-in Information and screen share information:

Phone number: 1 669 900 6833
Meeting ID: 512 897 0748
- **Screen share: https://zoom.us/j/5128970748**

Agenda

1. Welcome, Introductions, and Announcements

2. Goals of the Collaboration Council

3. Overview and Discussion of Health Information Exchange (HIE) in Texas

4. Local HIE Updates

5. Review and Discussion of Emergency Department Event Notification (EDEN) Minimum Data Set

6. Questions & Answers

7. Future Meeting Schedule and Agenda Items

8. Adjourn

Texas Health Services Authority

Collaboration Council Webinar
February 5, 2020
2:00 pm
https://zoom.us/j/5128970748
Dial-in info: (877) 226-9790
Access Code: 4695458

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COLLABORATION COUNCIL MEETING AGENDA
I. Welcome, Introductions, and Announcements
II. Goals of the Collaboration Council
III. Overview and Discussion of Health Information Exchange (HIE) in Texas
IV. Local HIE Updates
V. Review and Discussion of Emergency Department Event Notification (EDEN) Minimum Data Set
VI. Member Discussion
VII. Future Meeting Schedule and Agenda Items
VIII. Adjourn

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Welcome and Introductions, and Announcements

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Members of the Collaboration Council

- Cesar Lopez, Texas Hospital Association
- Sasha Robey, Texas Health and Human Services Commission
- Nora Belcher, Texas E-Health Alliance
- Dr. Talmage Holmes, Tarrant County Public Health
- Andrew Lombardo, Rio Grande Valley HIE
- Steve Eichner, Texas Department of State Health Services
- Tracy Rico, Centene-Superior HealthPlan
- Michael Berke, Accenture

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Members of the Collaboration Council

- Susan Bradshaw, Baylor Scott &White Health
- David Hampton, Gallagher
- Debbie Garza, Texas Pharmacy Association
- Shannon Vogel, Texas Medical Association
- Quang Ngo, Texas Organization of Rural and Community Hospitals
- Preetha Prithivathi, TMF Health Quality Institute

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Goals of the Collaboration Council

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Goals of the Collaboration Council

- The primary goal of the Collaboration Council is to develop consensus among key stakeholders on planning and implementation of statewide health information exchange (HIE) in Texas.

- THSA staff will advise its governor-appointed board of directors based on feedback from the council.

- **So, now's your chance – speak up!**

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Overview and Discussion of Health Information Exchange (HIE) in Texas

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Health Information Exchange (HIE) in Texas

- Texas is served by varying HIE organizations at the state and local levels, as well as in the vendor community.

- THSA is responsible for *statewide* HIE under Chapter 182, Health & Safety Code.

- All of these organizations work together, as well as independently, to better serve the healthcare system in the State of Texas.

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Local HIE Updates

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Local HIE Updates

- Three (3) local HIEs have enrolled in the Texas Medicaid HIE Connectivity Project:
  - HASA
  - Greater Houston Healthconnect
  - Rio Grande Valley HIE
- THSA is actively exploring partnerships with other HIEs not currently enrolled in this project.

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Review and Discussion of Emergency Department Event Notification (EDEN) Minimum Data Set

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Emergency Department Event Notification (EDEN)

- The EDEN Project is embedded as strategy 3 within the Texas Medicaid HIE Implementation Advanced Planning Document (IAPD). The first two strategies provide the multi-level infrastructure needed for EDEN:

  - Strategy 1: establishes interfaces between Medicaid providers/hospitals and local HIEs.

  - Strategy 2: establishes interfaces between local HIEs and HIETexas. Also accounts for direct Medicaid provider/hospital interfaces to HIETexas where connectivity to a local HIE cannot occur.

- The purpose of the EDEN Project is to develop an event notification system which enables authorized subscribers to securely, reliably, and quickly receive admit, discharge, and transfer (ADT) notifications on patients in the Texas population on a statewide, standardized basis.

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Emergency Department Event Notification (EDEN)

- Included within the EDEN project is development of the "EDEN Minimum Data Set," which is the minimum data required from a hospital for the EDEN System to identify emergency and inpatient encounters in the hospital's emergency department.

- This also includes standardizing a statewide ADT feed for downstream local HIEs and Medicaid providers and hospitals participating in the program to produce via HIETexas, the state-level HIE platform operated by the THSA.

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Proposed Minimum Data Set Elements

Required Event Types	Required Data Elements	Required Data Elements
Admit/visit notification	ADT Message Sending Application	Set ID-Patient ID
Transfer a patient	Sending Facility Source Code	Patient ID (external)
Discharge/end visit	Sending Facility Object Identifier	Patient Identifier List
Register a patient	ADT Message Date& Time	Patient Identifier-Assigning Auth
Pre-admit a patient	ADT Message Type	Patient Identifier Assigning Facility
Change an outpatient to inpatient	ADT Message Control ID	Alternative Patient ID
Update patient information	Version	Patient Last Name
Cancel admit/visit notification	ADT Event Type	Patient First Name
Cancel transfer	ADT Event Recorded Date & Time	Patient Middle Name
Cancel discharge/end visit	Event Reason Code	Patient Name Suffix
Merge patient information	Event Facility	Patient Date of birth
Merge patient identifier		Patient Gender
		Patient Race

Required Data Elements	Required Data Elements
Patient Address-Street 1	Set ID
Patient Address –Street 2	Patient Class
Patient Address-City	Admission Type
Patient Address-State	Attending Doctor ID
Patient Address-Zip	Attending Doctor Last Name
Patient Telephone-Home	Diagnosis Description
Patient-Telephone-Business	Diagnosis Type
Patient Account Number	Insurance Company ID
Patient SSN	Insurance Company Name
Patient Ethnicity	Insured's ID Number
Patient Multiple Birth Indicator	Admission Timestamp
Patient Birth Order	Discharge Timestamp
Patient Death Date& Time	Admit Reason/Primary Complaint
Patient Death Indicator	

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Questions?

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Future Meeting Schedule

HIETexas

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Future Meeting Schedule

Next Collaboration Council Meeting:

- Wednesday, May 6, 2020 at 2:00 p.m.

HIETexas

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Future Agenda Items?

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Adjourn

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Attachment No. 7

Acronym List

HEALTHCARE INFORMATION TECHNOLOGY ACRONYMS

- **ACO** – Accountable care organization
- **ADT** – Admission/Discharge/Transfer messages
- **ARRA** – American Recovery and Reinvestment Act
- **BA** – Business associate
- **BAA** – Business Associate Agreement
- **C-CCD** – Continuity of Care Document (CCR + CDA became CCD)
- **C-CDA** – Consolidated Clinical Document Architecture
- **CCR** – Continuity of Care Record; similar in content to a C-CCD
- **CDR** – Clinical Data Repository
- **CE** – Covered entity
- **CHC** – Community Health Center
- **CIO** – Chief Information Officer
- **CISO** – Chief Information Security Officer
- **CMIO** – Chief Medical Information/Informatics Officer
- **CMS** – Centers for Medicare & Medicaid Services; federal agency
- **CPOE** – Computerized physician order entry; orders entered/given electronically
- **CSO** – Chief Security Officer
- **CTO** – Chief Technology Officer
- **DSHS** – Texas Department of State Health Services; public health agency
- **EDEN** – Emergency Department Encounter Notification
- **EH** – Eligible Hospital
- **EP** – Eligible Professional
- **eHEX** – eHealth Exchange; a national HIE network
- **EHR** – Electronic health record
- **ELR** – Electronic Lab Reporting
- **EMR** – Electronic medical record; generally used interchangeably with EHR
- **FACA** – Federal Advisory Committee Act
- **FQHC** – Federally Qualified Health Center; a specific kind of community health center
- **FTP** – File Transport Protocol
- **GHH** – Greater Houston Healthconnect
- **HASA** – Healthcare Access San Antonio
- **HHS** – Department of Health and Human Services; federal agency
- **HHSC** – Texas Health and Human Services Commission
- **HIE** – Health information exchange; generally used interchangeably with HIO
- **HIO** – Health information organization; generally used interchangeably with HIE
- **HIMSS** – Healthcare Information Management Systems Society
- **HIPAA** – Health Insurance Portability and Accountability Act of 1996
- **HISP** – Health information service provider

- **HIT** – Health information technology
- **HITECH** – Health Information Technology for Economic and Clinical Health Act
- **HL7** – Health Level 7; non-profit standards developing organization
- **IAPD** – Implementation Advance Planning Document
- **ICC** – Integrated Care Collaboration
- **ICD-10** – International Classification of Diseases, 10th Revision
- **ISO** – International Standards Organization
- **MACRA** – Medicare Access and CHIP Reauthorization Act of 2015
- **MIPS** – Merit-Based Incentive Payment System
- **MU** – Meaningful Use
- **OCR** – HHS Office for Civil Rights; enforces HIPAA
- **ONC** – Office of the National Coordinator for Health Information Technology
- **P4P** – Pay for performance; quality performance payment model
- **PDMP** – Prescription Drug Monitoring Program
- **PdN** – Paso del Norte HIE; (now known as "PHIX")
- **PHI** – protected health information
- **PHR** – Personal Health Record
- **PIA** – Texas Public Information Act
- **PULSE** – Patient Unified Lookup System for Emergencies
- **REC** – Regional extension center
- **RFA** – Request for Applications
- **RFI** – Request for Information
- **RFP** – Request for Proposals
- **RFQ** – Request for Qualifications
- **RGV HIE** – Rio Grande Valley Health Information Exchange
- **SAMHSA** – Substance Abuse and Mental Health Services Administration
- **SAML** – Security Assertion Markup Language
- **sFTP** – Secure File Transport Protocol
- **SOAP** – Simple Object Access Protocol
- **SDO** – Standards developing organization
- **SOW** – Statement of Work
- **TAHIO** – Texas Association of Health Information Organizations
- **THA** – Texas Hospital Association
- **TMA** – Texas Medical Association
- **VA** – Veterans Administration
- **VHA** – Veterans Health Administration
- **XML** - Extensible Markup Language

Attachment No. 8

List of Disclosed Interests

THSA LIST OF INTERESTS

Name	Interests
Shannon Calhoun	None
Paula Anthony-McMann	• Healthcare Information Management Systems Society – member • Academy of Human Resource Development – member • American College of Healthcare Executives – fellow • Texas Hospital Association Foundation – board member • Syndeti, LLC – President (UT Health East Texas is a current client) • Next Wave Health Advisors – Contract Consultant • The University of Texas at Tyler – Adjunct Faculty
Carlos Vital	• Member of Texas Medical Association • Member of Harris County Medical Society • Member of Greater Houston Allergy & Immunology Society • Member of South Texas Independent Allergy • Member of Houston Medical Forum • Member of National Medical Association • Assistant Clinical Professor at Texas A&M Medical School Houston, TX • Xolair Speaker for Genentech, Compensated • Fellow, AAAAI • Fellow, ACAAI
Emily Hartmann	• Paso del Norte Health Information Exchange – Employee • HIMSS Lubbock Chapter – President of Board of Directors • Strategic HIE Collaborative (SHIEC) – PHIX is a member • eHealth Exchange – PHIX is a Participant • Texas Tech University Health Sciences Center El Paso – Spouse and Mother are employees
Jeff Hoogheem	None
Jerome Lisk	• Texas Medical Association • American Academy of Neurology • University of Texas Health Science Center at Tyler • Christus Trinity Mother Frances Hospital
Kenneth James	• Texas Association of Health Plans – member through Superior
Leticia Rodriguez	None
Siobhan Shahan	None
Jonathan Sandstrum Hill	None
Calvin Green	None listed
Lourdes Cuellar	None listed
Victoria Bryant	None listed

Salil Deshpande	• Member of American Medical Association; American College of Physicians; Harris County Medical Society; Texas Medical Association • Member of Statewide Health Coordinating Council; Texas Health and Human Services Commission's Medical Care Advisory Committee, Drug Utilization Review Board, and e-Health Advisory Committee • Member of the Board of Directors of: Greater Houston Area March of Dimes; The Living Bank; UnitedHealthcare of Texas • Employed by UnitedHealthcare, which has contractual relationships with Texas-based Health Information Exchanges

STAFF MEMBER INTERESTS	
Name	**Interests**
George Gooch	• Health Care Compliance Association – Member • International Association of Privacy Professionals – Member
Eric Heflin (*contractor*)	• Sequoia Project – employee/CTO and CIO • IHE USA – Board member • IHE International – former board member
Annie Nabers	None
Stephen Raines	None

TEXAS HEALTH SERVICES AUTHORITY

STAKEHOLDER INTERESTS

Pursuant to Section 182.053, Health & Safety Code, the governor shall appoint individuals representing the following stakeholder groups to the THSA board of directors:

- Texas local health information exchanges
- Consumers
- Clinical laboratories
- Health benefit plans
- Hospitals
- Regional health information exchange initiatives
- Pharmacies
- Physicians
- Rural health providers
- Any other area the governor finds necessary

Below are the larger healthcare/technology trade associations in the state that many of the above-referenced board members are affiliated with.

Entity	Policies that relate to "THSA or statewide HIE"?
Texas Hospital Association (THA)	None
Texas Medical Association (TMA)	"19. State support for HIE is important. However, state government's primary role should be to foster coordination of HIE efforts, including providing access to funding or other financial incentives that promote the adoption of health information technologies. 20. TMA physicians should support partnerships with nongovernmental entities developing HIE solutions with minimal mandates, but only where it leads to physicians' stewardship of the data they produce, and patients' control over data that may identify them (CPMS Rep. 3-A-07)."
Texas Association of Health Plans (TAHP)	None
Texas Association of Health Information Organizations (TAHIO)	None

Texas Organization of Rural & Community Hospitals (TORCH)	None
Texas eHealth Alliance (TeHA)	"Priority #4- Adoption, Regulation, Oversight, and Coordination of Healthcare IT. We support legislation that enables the efficiencies of free-market forces constrained only by appropriate privacy and confidentiality considerations to promote quality of care and/or reduce cost of care. This specifically includes support for: -The mission of the Texas Health Services Authority: to promote and coordinate the development of a seamless electronic health information infrastructure to improve the quality, safety, and efficiency of the Texas health care sector while protecting individual privacy. -Legislation that removes statutory barriers to, or promotes and develops, the widespread adoption of HIE, e-prescribe and electronic medical records. This includes information technology systems at HHS agencies that interface with provider systems using nationally recognized standards to facilitate data sharing, as well as appropriate program and data analysis. -Legislation that encourages the HHS agencies to be full participants in state level health information exchange activities and actively seek opportunities to improve their programs and infrastructure through HIE. -Legislation that encourages innovation in health care service delivery, shortens the time to implementation of new technology-supported approaches to program management, and enables the ability of digital tools to support value-based purchasing."