Agenda

- Opening Remarks – Robert Merion  5 min’s
- IT Staffing Update - Jo Anne Snyder  10 min’s
- IT Update – Alex Tulchinsky  30 min’s
  - Key Project Updates
    - Recently Complete
    - Currently in Progress
  - First 60 Days – Observations, Evaluations, Direction
- Establishment of User Group  10 min’s
IT Staffing Updates
Building the Pipeline of Talent
June 2013 – June 2014

Filled and Open Positions
• 58 positions filled
• 22 vacant positions
  • 8 posted positions (3 new, 5 replacements)
  • 14 positions on hold
    • 19 positions reallocated (October)

Talent Acquisition
• Setting expectations
• Removing barriers
• Implementing best practice
• Reviewing with hiring leader
Building the Pipeline of Talent

**Job Fairs**
- RVA Career Expo (81 attendees) (Oct)
- VCU College of Engineering Spring Career Fair (30 attendees) (Feb)
- VCU Non-Profit Spring Career Fair (50 attendees) (Feb)
- (4) Onsite Job fairs (125 attendees) (Nov, Dec, Jan, Feb)

**Recruitment Firms**
- Rebuilding relationships
- Decreased the number of firms by 50%

**Relationships in the Community**
- Partnership with colleges and universities
- Building internship opportunities in 2015
IT Update
Work Completed Since November 2013

- **CPRA**
  - Final updates to CPRA calculation and HLA frequency tables

- **KAS – Ki/PA Wait Time**
  - Allow Transplant Centers to update kidney qualifying data

- **KAS – Phase 1 Release**
  - EPTS calculator
  - Additional data elements for upcoming change to the allocation algorithm

- **KPD**
  - Kidney Paired Donation programs now have the ability to view the exchange and match donor information, as well as enter their match offer responses directly into the KPD application within UNetSM. All match offer responses are recorded using the KPD application.
Work Completed Since November 2013

• Modify Patient Safety – Part 1
  • Updates to safety data entry and categorization

• Modify requirements for mandatory HTLV-1/2 testing for all potential donors
  • Removal of requirements for serology

• Reorganize hemodynamic data on adult heart Status 1A justification form
  • Improvements and re-organization of data entry form

• VCA Program Type Added to Membership Application
  • Membership Application now includes transplant program pages for VCA to allow Membership Dept. staff to collect and track the necessary membership data for vascularized composite allografts (VCAs)

• DonorNet Improvements (Non Policy)
  • Expanded Browser Compatibility (IE 10, Apple Safari, Google Chrome)
  • Full site availability on iPad and Android tablets
BoD Projects in Progress

- KAS Phase 2
  - Integrate EPTS calculation into a national kidney allocation system

- LAS – add bilirubin to lung algorithm
  - Add parameters for survival modeling
  - Provide calculation results of wait list urgency and transplant survival measures to users

- Uniform National Pancreas Allocation
  - Create a new kidney/pancreas and pancreas allocation system
Non-Policy Projects in Progress

- Electronic Tracking and Transport (ETT)
  - Integrate DonorNet’s import/export feature

- Membership Form Automation
  - Eliminate the need to fax in forms

- OPTN Website Redesign
  - Includes enhancements for Public Comment

- Screen candidates at Inactive Programs

- SharePoint 2013
  - Provides improved look/feel and tighter integration with MS Office
  - Migration of external SharePoint sites has begun
  - Target completion: June 30th

- Password Reset
  - Will no longer need to call the Organ Center to reset passwords for SharePoint and UNet
  - Target completion: Q4 2014
Upcoming Projects

- Reinstate the “No Appeal/No Withdraw” button for denied MELD/PELD exceptions
- TIEDI OMB changes
- Improvements to vessel disposition reporting
- Modify OPO and Transplant Center requirements
- Clarify data entry screens for A2 and A2B in UNet
- Potential Donor-Derived Disease Transmission Event (PDDTE) form
- Ped liver remove ICU requirement & modify ped liver hepatoblastoma
- Update HLA Equivalency tables
# IT Work Plan Since November 2013

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**Done**

**In progress**

**On Deck**

**Based on POC Priority**

**Future work**

**Small effort**

**On Schedule**

**Behind Schedule**

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 OPTN

UNOS DONATE LIFE

UNITED NETWORK FOR ORGAN SHARING
# Revised Work Plan: LAS proposal

## LAS + ADD

**KAS - KT/PA Wait Time**
- Revised Kidney Allocation System (KAS) - Phase I
- Revised Kidney Allocation System (KAS) - Phase II
- KPD Phase 4 (EW/WIF)
- KPD

**Other Field to diagnosis data element <12**

**Modifications**
- Uniform National Pancreas Allocation
- Mod OPO and Tr Pol. 2.0 & 4.0
- Improved Vessel
- Tied Conversion to C#
- Tied I and OMB changes
- Require Report Non Utilized Living
- Update HLA Equivalency Tables
- Clarify 2A & 2B
- Re-Instate No Appeal
- Ped Liver Remove ICU Req & Mod Ped Liver Hepatoblastoma Consent to Authorization

**System Transformation**
- Membership Inactive Screening
- Expand browser compatibility and support for tablets
- Integrate DonorNet®'s import/export feature with new ETT

**Status**
- Small effort
- Done
- In progress
- On Deck
- Based on POC Priority
- Future work

**OPTN**

**UNOS**

**Donate Life**
Going Forward – Streamlining the Process

UNOS IT will be nimble, agile and focused providing the best experience possible for the community

- Eliminate unnecessary processes from the workflow
- Focus on the user experience and engage with the community
- Advance the capabilities of the IT organization
UNET Connections @ High Level View

Application Layer
- Waitlist
- DonorNet
- Tiedi

Data Layer
- UNOS
- Tiedi

OPTN
Current Architecture

Tightly Coupled Systems

Small Changes … Become Big Efforts

Business Logic & Data Layer

User Interface & Application Layer

Request
Going Forward – Creating a Scalable Architecture

UNOS IT will provide a sustainable, long-term architecture to meet the needs of the Donor and Transplantation Community

- Reduce the complexity of the existing architecture
- Provide incremental and continuous improvements
- Ensure Business Continuity for Key OPTN Services
Modular Services operating independently of one another

Small changes have limited impact

Target Architecture

Request

User Interface

Front End

Business Logic

Algorithm layer

Database

Data layer

Business Logic

Business Logic

Business Logic

Database

Database

Database
Beyond Policy Driven Change

OPTN

BoD Projects

Community and UNOS Input

Allocation Changes
Business Continuity

- The current backup site is not a practical solution to continuing operations
  - Capacity constraints due to manual efforts and system resources
  - Fail back to primary site is difficult and time consuming

- Goal – October 1st
  - Define realistic technology continuity requirements
  - Determine the gaps
  - Develop a plan and schedule to close the gap and provide the proper level of business continuity
UNOS IT – Becoming a Catalyst

- Increase functionality
- Deliver solutions faster
- Improve user experience
- Engage community more
- Empower users

Move UNOS IT from a culture of maintenance to one of service
Establishment of User Group
Goals, audience, engagement

- Review objective of this effort
  - Increase functionality
  - Deliver solutions faster
  - Improve user experience
  - Engage community in solutions
  - Empower users

- Target audience for this initiative

- Rules and logistics on engagement
Thank you