INTEGRATED COMMERCE AND CREDENTIALS SYSTEM
PRESENTERS:

Dirk Bravence
Regional Manager

Maura Milner
Transaction Manager

Matt McGehee
Regional Manager
About TouchNet

- Incorporated in 1989
- Global merged with Heartland 2016
- 800 + schools on TouchNet
- Ellucian Strategic Partner / Ellucian Payment Center
- PeopleSoft Validated Integration Partner
The Complete Approach to Campus Business
Unified Student Experience

Student Account: Amy Kaufman

<table>
<thead>
<tr>
<th></th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Balance</td>
<td>$28,377.43</td>
</tr>
<tr>
<td>Estimated Financial Aid</td>
<td>$1,700.00</td>
</tr>
<tr>
<td>Balance Including Estimated Aid</td>
<td>$30,077.43</td>
</tr>
</tbody>
</table>

OneCard Account: ****1234

<table>
<thead>
<tr>
<th></th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Balance</td>
<td>$174.35</td>
</tr>
<tr>
<td>Used last 30 days</td>
<td>$68.75</td>
</tr>
</tbody>
</table>

My Store

- Senior Trip
- LSAT Test Fee
- Lab Kits
- Cops and Gowns

Scholarships

<table>
<thead>
<tr>
<th>Name</th>
<th>Amount</th>
<th>GPA</th>
</tr>
</thead>
</table>
| Dean's Scholarship | $20K   | 3.85
| Faculty Scholarship| $15K   | 3.71
| University Scholarship | $12K | 3.66
| Founder's Scholarship | $8K   | 3.60

Important Dates

- Drop Deadline: November 21, 2016
- Drop or Add a Course after Drop/Withdrawal Deadline: December 7, 2016
- Final Exams: December 12 - 16
- Commencement: December 16 - 17

Job Highlights

- Furniture pickup and delivery
- Route Team Members to join our growing team! We make the ordinary business of dorm life easier.

Dining Plans

- Deluxe Plan: $1,800.00 per Semester
- Basic Plan: $1,500.00 per Semester
- Apartment Plan: $800.00 per Semester

Refunds

- eRefunds: Sign up for eRefunds to have your refund deposited directly into your checking account.
- Discover Debit: Get your refunds applied to a Discover Debit cash back card.

Manage Card

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Welcome to Payment Center!

Make payments, view account activity, store payment profiles, and set up parents or guardians to access your account.

Registration for next semester is final January 23rd and all tuition fees are due by January 18th, and make payments on your account.

You can pay all fees by credit card or electronic check here.

Remember to complete your Residence Hall License Agreement Form with the Residence Life Office.

<table>
<thead>
<tr>
<th>Account: Amy L. Student</th>
<th>ID: ****1234</th>
</tr>
</thead>
<tbody>
<tr>
<td>Balance</td>
<td>$18,377.43</td>
</tr>
<tr>
<td>Estimated Financial Aid</td>
<td>$1,700.00</td>
</tr>
<tr>
<td>Balance Including Estimated Financial Aid</td>
<td>$16,677.43</td>
</tr>
</tbody>
</table>

View Activity  Enroll in Payment Plan  Make Payment

Statements

Your latest eBill Statement
Statement (02/15/2017)  $3,267.58  View

Your latest 1098-T Tax Statement
2016 1098-T Tax Statement  View

Term Balances

<table>
<thead>
<tr>
<th>Term</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring Term 2017</td>
<td>$7,678.23</td>
</tr>
<tr>
<td>Fall Term 2016</td>
<td>$5,063.29</td>
</tr>
<tr>
<td>Spring Term 2016</td>
<td>$3,935.91</td>
</tr>
</tbody>
</table>
## Unified Management Dashboard

### Actions Required
- ERP Transactions Received Summary
- uPay Postings
- Payment Gateway Alerts

### Totals
<table>
<thead>
<tr>
<th>Applications</th>
<th>Count</th>
<th>Total Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bill + Payment</td>
<td>11</td>
<td>14,329.50</td>
</tr>
<tr>
<td>Cashiering</td>
<td>13</td>
<td>1,637.79</td>
</tr>
<tr>
<td>Marketplace</td>
<td>43</td>
<td>4,854.34</td>
</tr>
<tr>
<td>Total</td>
<td>98</td>
<td>20,821.63</td>
</tr>
</tbody>
</table>

### Day View
- Graph showing daily data trends.

### Activity

<table>
<thead>
<tr>
<th>Activity</th>
<th>Credit Card</th>
<th>ACH</th>
<th>Debit Card</th>
<th>Cash</th>
<th>One Card</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Count</td>
<td>Net Amount</td>
<td>Count</td>
<td>Net Amount</td>
<td>Count</td>
</tr>
<tr>
<td>Bill + Payment</td>
<td>11</td>
<td>9,057.00</td>
<td>8</td>
<td>5,272.50</td>
<td>0</td>
</tr>
<tr>
<td>Cashiering</td>
<td>13</td>
<td>1,069.00</td>
<td>2</td>
<td>0.00</td>
<td>0</td>
</tr>
<tr>
<td>Business Office</td>
<td>9</td>
<td>1,040.00</td>
<td>2</td>
<td>0.00</td>
<td>0</td>
</tr>
<tr>
<td>Campus Merchant</td>
<td>4</td>
<td>29.00</td>
<td>0</td>
<td>0.00</td>
<td>0</td>
</tr>
<tr>
<td>Marketplace</td>
<td>43</td>
<td>4,504.34</td>
<td>2</td>
<td>350.00</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>80</td>
<td>15,699.34</td>
<td>14</td>
<td>5,622.50</td>
<td>0</td>
</tr>
</tbody>
</table>
1. Easier PCI Compliance
2. Reducing the Cost of Processing
3. Automating Campus Commerce Transactions
Ellucian Payment Center

Ellucian Payment Center by TouchNet®

Payment transactions across campus have grown in both volume and complexity. With more payment channels, payment points, and merchants, you need a more sophisticated and secure solution to manage complexity. Ellucian Payment Center by TouchNet® is that solution.

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EMV Client

![EMV Client Diagram](image)

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TRANSACTION CHAIN MANAGEMENT

• Card Processing
• ACH Processing
• PayPath Service
• Wire Payments
Links in the Transaction Chain

1. ERP
   - Student Account Number
   - Student Account Balance
   - Payment Options
   - Payment Information

2. Application
   - Payment Batches
   - Payment Summaries

3. Gateway
   - Settlement Info
   - Processing Fees

4. Processor
   - Deposits - Credits
   - Fees - Debits

5. Bank
Connecting the Transaction Chain

- TouchNet (Application)
- TouchNet (Gateway)
- Heartland (Processor)
- Depository Account (Bank)
- Colleague
- Banner
- PeopleSoft (ERP)
- Depository Account (Bank)
## Business Office – Manage the Chain

<table>
<thead>
<tr>
<th>Batch Details</th>
<th>Payment Gateway</th>
<th>ERP</th>
<th>Global/Heartland</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date/Time</td>
<td>Transaction ID</td>
<td>Reference Number</td>
<td>Payment Method</td>
</tr>
<tr>
<td>1/1/2016 13:15:23 CDT</td>
<td>13</td>
<td>20140101000001</td>
<td>Visa</td>
</tr>
<tr>
<td>1/1/2016 13:19:03 CDT</td>
<td>14</td>
<td>20140101000001</td>
<td>Visa</td>
</tr>
<tr>
<td>1/1/2016 13:19:04 CDT</td>
<td>15</td>
<td>20140101000002</td>
<td>American Express</td>
</tr>
<tr>
<td>1/1/2016 13:19:05 CDT</td>
<td>16</td>
<td>20140101000003</td>
<td>MasterCard</td>
</tr>
<tr>
<td>1/1/2016 13:19:06 CDT</td>
<td>17</td>
<td>20140101000004</td>
<td>Visa</td>
</tr>
<tr>
<td>1/1/2016 13:19:07 CDT</td>
<td>18</td>
<td>20140101000005</td>
<td>Visa</td>
</tr>
</tbody>
</table>
Payment Card Industry (PCI) Data Security Standard
Self-Assessment Questionnaire A and Attestation of Compliance
Finance Office – Control Chain Costs

![Payment Processing View](image-url)

Table: Payment Processing View

<table>
<thead>
<tr>
<th>Merchant ID</th>
<th>Transactions</th>
<th>Average</th>
<th>Gross</th>
<th>AVCR</th>
<th>Rate Charged</th>
<th>Tax</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>900</td>
<td>$133.44</td>
<td>$111,902.32</td>
<td>$5,228.32</td>
<td>$4,250.00</td>
<td>$49,727.92</td>
</tr>
<tr>
<td>AAAA#123</td>
<td>233</td>
<td>$566.99</td>
<td>$22,995.15</td>
<td>$1,234.18</td>
<td>$880.00</td>
<td>$11,288.11</td>
</tr>
<tr>
<td>AAAA#8234</td>
<td>200</td>
<td>$56.36</td>
<td>$22,199.30</td>
<td>$1,401.50</td>
<td>$1,511.62</td>
<td>$9,322.34</td>
</tr>
<tr>
<td>AAA</td>
<td>111</td>
<td>$1,000.04</td>
<td>$120,004.75</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
One-Click Payments
BUSINESS OFFICE
- Online Billing
- Payment Plans
- Financial Aid Refunds
- Student Payments
- Sponsor Accounts
- 1098T
- Delinquent Accounts

AUXILIARY OFFICE
- Housing
- Bookstore
- POS Dining
- Campus Card
- Vending
- Parking
- Laundry
- Library
- Printing
- Registration
- Admissions Fee
- Events
- Continuing Ed
- Storefronts
- Ticketing
- Athletics
- Alumni
- Donations
- Testing Fees

Too Many Payment Systems
Complexities of Campus Transactions

**Commerce**
- Many Payment Points
- Many Payment Methods
- Many Service Channels
- Many Rules & Regs

**Credentials**
- Many Constituents
- Many Access Points
- Many Meal Stations
- Many Checkins
Card Systems of the Past

Over Served  

Under Served
Credentials and Permissions
OneCard VIP – Your Pass to Student Success

Base Platform

STUDENT
- ONECARD ACCOUNT
  - Student ID
  - Account Management

- Mobile ID
  - Mobile Campus

CARD CENTER
- PERMISSIONS
  - ID Verification
  - Library Access
  - Time Attendance
  - Check In
  - Events/Recreation

- ADMINISTRATION
  - Web-based Interface
  - Card Station
  - Mobile Management
  - Report Generator

SYSTEM MANAGER
- Financial Transactions
  - Declining Balance
  - Online Deposits
  - Mobile Payments

CORE TECHNOLOGY
- Configuration

ONECARD INTEGRATOR
- Data Exchange
- OneCard Ready Partners
- TouchNet Platform

Application Suites

- DINING SUITE
- ACCESS SUITE
- PARTNER CONNECTS
Campus Card Systems Today

simple. integrated. mobile.
Hosted
Rethink the Campus Card
Access & Security

- Online system with group based security
- Automatic lock & unlock preset times
- Control up to 32 doors
- Multiple card types supported
- Graphical campus map and floor plans
- View all alarms from central system
- Lockdown
OneCard Data Analytics

- Enhance Student Experience
- Improve Student Satisfaction
- Aid in Business Decision Making
## Track Student Engagement

<table>
<thead>
<tr>
<th>Transaction Time</th>
<th>Terminal</th>
<th>Transaction Type</th>
<th>Amount</th>
<th>Meal Plan</th>
<th>Transaction Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/3/2016 9:17:25 AM</td>
<td>00249: ONEWEB</td>
<td>003: PREPAYMENT (ADMIN)</td>
<td>12.00</td>
<td></td>
<td>00000: Pass</td>
</tr>
<tr>
<td>9/6/2016 8:24:37 AM</td>
<td>00646: JOES SAMSUNG GALAXY TAB 3</td>
<td>004: VEND (MONEY)</td>
<td>0.00</td>
<td></td>
<td>00006: Successful vend.</td>
</tr>
<tr>
<td>9/27/2016 10:45:02 AM</td>
<td>00666: JOE'S IPAD</td>
<td>001: ACCESS, ENTRY</td>
<td>0.00</td>
<td></td>
<td>00003: Access granted because of individual.</td>
</tr>
<tr>
<td>9/27/2016 10:45:57 AM</td>
<td>00666: JOE'S IPAD</td>
<td>001: ACCESS, ENTRY</td>
<td>0.00</td>
<td></td>
<td>00003: Access granted because of individual.</td>
</tr>
<tr>
<td>9/27/2016 10:47:23 AM</td>
<td>00666: JOE'S IPAD</td>
<td>001: ACCESS, ENTRY</td>
<td>0.00</td>
<td></td>
<td>00003: Access granted because of individual.</td>
</tr>
<tr>
<td>9/27/2016 10:48:14 AM</td>
<td>00666: JOE'S IPAD</td>
<td>001: ACCESS, ENTRY</td>
<td>0.00</td>
<td></td>
<td>00003: Access granted because of individual.</td>
</tr>
<tr>
<td>9/27/2016 10:49:14 AM</td>
<td>00666: JOE'S IPAD</td>
<td>001: ACCESS, ENTRY</td>
<td>0.00</td>
<td></td>
<td>00003: Access granted because of individual.</td>
</tr>
<tr>
<td>9/27/2016 10:50:53 AM</td>
<td>00760: MIRO'S OFFICE - NDE</td>
<td>001: ACCESS, ENTRY</td>
<td>0.00</td>
<td></td>
<td>00003: Access granted because of individual.</td>
</tr>
<tr>
<td>9/27/2016 10:51:55 AM</td>
<td>00760: MIRO'S OFFICE - NDE</td>
<td>001: ACCESS, ENTRY</td>
<td>0.00</td>
<td></td>
<td>00003: Access granted because of individual.</td>
</tr>
<tr>
<td>9/27/2016 10:52:19 AM</td>
<td>00760: MIRO'S OFFICE - NDE</td>
<td>001: ACCESS, ENTRY</td>
<td>0.00</td>
<td></td>
<td>00003: Access granted because of individual.</td>
</tr>
<tr>
<td>9/27/2016 10:53:08 AM</td>
<td>00759: JOE'S OFFICE - NDE</td>
<td>001: ACCESS, ENTRY</td>
<td>0.00</td>
<td></td>
<td>00003: Access granted because of individual.</td>
</tr>
</tbody>
</table>
Dirk Bravence
Regional Manager, U.Commerce

Maura Milner
Regional Manager, Transaction Services

Matt McGehee
Regional Manager, One Card