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# UDRC Advisory Board Meeting

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23 April, 2020 – 12pm to 1pm

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Online Meeting

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**Board:** Carrie Mayne, Marc Babitz, Zachary Barrus

**Excused:** Scott Jones, Dave Woolstenhulme

**On Phone:** Jeremias Solari, Adrene Wike, Skylar Scott, Kelsey Martinez, Karen Tao, Derek Higgs

**Staff Support:** Gail Tilson

**Attendees:** Krishna Vaddiparty, Heather Kunz, Jennifer Doxey, Whittney Phillips, Drew Mingl, Navina Forsythe, Justin Miller, Gail Tilson, Manjusha Gunter, Aaron Brough, Collin Peterson

Agenda	Discussion	Recommendations
I. Welcome	Welcome and Introductions – Meeting will be held quarterly moving forward	
II. Approval of last meetings minutes	Motion carried to approve minutes	
III. Personnel Updates	<p><i>Adrene Wike</i> – New UDRC Manager.</p> <p><i>Britnee Johnston</i> – Resigned to join city of Draper as Communications Director.</p> <p><i>Vincent Brandon</i> – Permanently instated into team as Data Communications Coordinator.</p>	
IV. Administrative Updates	<p>UDOH data has been integrated in the warehouse (2016-2018). Updating MPI to account for familial relationships.</p> <p>Reporting changes – Working toward confirmations of receiving data and reporting processing.</p> <p>External data requests – Notification structure to notify variables requested and completion of requests.</p> <p>Aggregated ancillary data release – Aggregate figures will be approved by partners.</p> <p>Research agenda update for 2020 – UDRC team has provided agenda proposals. Requests for partner proposals due on April 24<sup>th</sup>.</p>	Impact on COVID-19 research proposal. Data for COVID-19 is not yet available at UDRC.

Agenda	Discussion	Recommendations
IV. Administrative Updates (continued)	Implementation of Confluence – A project management tool.	
V. Technical Updates	Port to the cloud – Awaiting approval from or investigation from several partner agencies.  Phase IV update - Will include changes in filtering, merging, decoupling MPI, UI enhancements, and the export application.	
VI. Research Updates	Kelsey Martinez – Research on post-secondary enrollment and student migration is currently in the partner agency review stage. Is currently working on new research in regard to intergenerational poverty and workforce metrics.  Derek Higgs – Research on course-taking patterns and post-secondary enrollment is entering a first draft stage. Is currently working on new related research in regard to school outcomes and child care.  Skylar Scott – Research on increased spending from post-secondary graduates in Utah is currently in its final draft. The report has been sent to Workforce Services editor for revision. Is currently co-authoring with Karen Tao on the gender wage gap in Utah.	
VII. UX and Data Communications Updates	Karen Tao - Recent updates for data governance documents have been published. Data dashboards for 3 research projects are being worked on, in addition to an update for the statewide P20 metrics.	



2020

UDRC Advisory  
Board Meeting  
April

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# Welcome

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- Questions, comments, or concerns about the minutes from last meeting?
- Approve

# Administrative Update

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- Adrene Wike – New Manager
  - Introduction
- Britnee Johnston's Departure
  - Director of communications for the City of Draper
  - At this time we are not replacing the position
    - Reconsider post quarantine
- Vincent Brandon
  - Originally hired as a temporary designation as his position was funded purely from the SLDS grant
  - Due to the fact that Utah did not receive the SLDS 2019 grant, the position was no longer funded beyond September 2020
  - Administrative decisions were made to allow for Vincent to be permanent position
- UDOH data
  - Fully integrated into the UDRC
  - Full historical file to be communicated in the near future
  - Incorporating familial connections into the MPI process
    - Very useful for future research

# Administrative Update Cont.

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- Feedback we have received recently which have led to administrative/structural changes
  - Reporting on what has occurred to the data that is communicated to the UDRC
    - Two main processes to consider:
      - The communication of data
      - The processing of data through the UDRC
  - External data request process
    - Early Communication
    - Expansion on what is being requested
  - Aggregated Ancillary data release
    - Communication



# Administrative Update Cont.

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- Research agenda
  - Updated the 2019 agenda to reflect current projects
  - Received ideas for 2020 agenda from UDRC team
  - Emailed partners to add their ideas to the draft (4/24 deadline)
  - Started initial 2020 draft
  - Next steps:
    - Complete draft
    - Meet with advisory board
    - Revise draft/final edits
    - Final board approval
- Confluence
  - Ensured all staff has access and informed them we will be utilizing program
  - Read/ing tutorials
  - Projected May 4<sup>th</sup> start date

# Technology Update

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1 | Port to the cloud

2 | Phase IV

# Technology Update – Cloud

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- Where are we?
  - Initial leg work
  - Partner feasibility
    - UDOH
      - Opinion from Chief Privacy and Security officer requested
    - UTech
      - No issues to port
    - USHE
      - Is investigating the feasibility
    - USBE
      - Has provided approval, might require a written agreement
- Next step:
  - Receive approval from partners
  - Receive second no-cost extension funds
    - Charles to verify if agreement is necessary
      - We are working with Charles to gain approval

# Technology Update – Phase IV

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- Phase IV
  - If we do not port to the cloud, this will be the final form of the UDRC system
  - Components
    - Filtering
    - Merging
    - Decoupling MPI and De-ID
    - UI enhancements
    - Export application
  - What has been completed last quarter:
    - Processed several new data files
    - Quality of life warehouse changes
    - Addition of SSID to deterministic matching algorithm
    - Validation and filtering of raw data pre-Matching
    - Consolidated DI's (manually merging multiple tables)
    - Enhancements to the Researcher Application wizard
    - Began research on moving to the Cloud
    - Modules on the filtering and merging services
    - Workflow conceptualization, design, and requirement gathering
  - What we are working on this quarter:
    - UDRC Workflow 2.0
      - Complete revamp of the UDRC process flow to integrate filtering and merging
      - Integration of additional functionality and UI enhancements
  - What is included in the April 15<sup>th</sup> deploy:
    - Many UI enhancements for the admin application:
      - We could not see the IRB determination information on the application
      - Could not see full address on the application summary
      - Had an issue when downloading the proposal
      - Six other items

# Research Update

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1 | Kelsey Martinez

2 | Derek Higgs

3 | Skylar Scott

# Kelsey Martinez

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## UDRC RA4

**Name:** Post-Secondary Enrollment and Migration in Utah

**Summary:** Following high school graduation, students are faced with two choices: 1) whether or not to enroll in a post-secondary program, and 2) if they do choose to attend, whether to attend an institution near or far from their homes...

**Current Status of Project:** Completed internal review process on 4/13/2020. Will be sent to partners (UTech, USHE, and USBE) for review shortly

**Next Steps:** Prepare .csv files for data narrative, complete changes required by partner feedback/EDO, format for publication

## UDRC IA5

**Name:** Impacts of Intergenerational Poverty on Workforce Metrics (IGP 2020 DWS report)

**Summary:** Ultimate goal of this research is to understand how IGP impacts peoples' abilities to successfully build a career or maintain gainful employment over a period of years...

**Current Status of Project:** I am almost finished with the linear models/analysis for this project. A draft of the introduction, literature review, and methods is complete.

**Next Steps:** Complete data cleaning and analysis in R, write results, discussion, and conclusion sections.

# Derek Higgs

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## UDRC RA5

**Name:** Course-Taking Patterns and Post-Secondary Outcomes

**Summary:** The two objectives of this project are to analyze high school course-taking patterns and determine their effects on college readiness, and to determine if CTE participants continue on the intended educational pathway after high school.

**Current Status of Project:** First draft of report is being compiled for internal peer review

**Next Steps:** Internal peer review process, making necessary revisions to report.

## UDRC IA4

**Name:** School Outcomes for Child Care

**Summary:** The two objectives of this project are to determine if the educational performance of children who received child care subsidies are similar to the general student population (3rd and 8th graders, 2003-2010), and to see if there is a marginal effect of additional child care, within the sample group, in relation to the outcome metrics.

**Current Status of Project:** Literature review is being completed, pre-proposal is being compiled.

**Next Steps:** Pre-proposal to be submitted for approval.

# Skylar Scott

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## UDRC RA6

**Name:** Increased Spending From Post-Secondary Graduates in Utah (2011-2018)

**Summary:** The objective of this study aims to understand the differences of income and consumption among individuals of varying educational attainments in Utah (2011-2018)

**Current Status of Project:** Project is currently being prepared for its final draft

**Next Steps:** Dashboard creation and publication

## UDRC RA7

**Name:** Gender Wage Discrimination of Post-secondary Graduates in Utah (2011-2019)

**Summary:** A study examines the wage differences from recent USHE and UTech graduates by gender. Results will be decomposed by human capital measures, and statistical models will be implemented to understand the significant variables of wage differences

**Current Status of Project:** Wireframe of paper is being written as well as variable selection

**Next Steps:** Data pull and cleaning of selected variables for analysis



# UX & Data Co. Update

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1 | Karen Tao

2 | Vincent Brandon

# UX Research Update

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Document  
Design  
Governance  
P20 SOP

Data Narratives

RA6  
RA7  
RA4

Data Products

P20 Redesign

# Data Coordinator Update

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App. #	Title	Partners	Initiation	Planning	Execution	Closure
300019	Examining the Effects of Rurality on Postsecondary Institutional Choice	USHE, UTECH	Complete	Complete	Complete	In Progress
300020	STEM Landscape Analysis	USBE, USHE, UTECH	Complete	Complete	Finalizing	
300021	Exploratory Longitudinal Study of 2011-2012 UVU Enrollment	USHE, UTECH, DWS	Complete	Complete	Finalizing	
300026	The Upward Mobility of Utah Medicaid Enrollees Through Postsecondary Education	USHE, UTECH, DWS	Complete	Complete	Complete	In Progress
300027	Effect of Post Secondary Education on Employment	USHE, UTECH, DWS	Complete	Complete	Complete	In Progress
300029	Top Employers	USHE, DWS	Complete	Hold		
300030	Ogden City School District Student Outcome Analysis	USBE, USHE, UTECH, DWS	In Progress			

# Public Comment

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- Questions, comments, or concerns?