

SECTION C: WISCONSIN LDS PROJECT -- BUDGET NARRATIVE

Overall

Wisconsin's budget reflects our prior experience managing multi-year data system grants and leverages a mixture of new, existing, and contract staff to provide flexibility throughout the four-year period and to ensure that skills are matched to the work necessary for each outcome described in the Project Narrative. We first describe the costs in each reporting category for the entire grant and then describe the breakdown of costs specific to each outcome in detail. Each outcome is accompanied with a sub-budget table which describes the costs in each year for the work under that outcome.

1. Personnel

All new staff will be project positions for the length of the grant, but with funding scaled back in the first year to represent the lead time associated with the hiring process. This includes the project manager, formative assessment practices consultant, technical staff, and research staff. These personnel will charge to the project based on salary and fringe benefit rates. Existing staff will charge the relevant portion of their time to the grant during the periods in which they are supporting activities under the grant -- these include the education consultants, content experts, supervisors, and research analysts. Salary costs are projected at the median of the pay range for the anticipated job class, or, for existing staff, the current wage of the anticipated staff members to fill the role identified here.

An important clarification: DPI uses the term consultant to refer to employees in certain program areas who work closely with school and district staff in the field. DPI is not hiring any outside consultants under this grant, so the term consultant below refers to an individual employed by DPI or to be hired by DPI for the project. Staffing details follow.

Personnel costs related to IT development work are not included in this category. At DPI IT work is funded by a chargeback model. Developers, regardless of whether they are contractors or permanent staff, are charged back to the program area that is developing the application. These costs are included under *Other*.

New Staff

Two new positions are requested to ensure timely success of the Instructional Support Priority Area. Additionally, a project manager will be critical to ensuring timely completion of Deliverables and ongoing work.

Project Manager

This position will be responsible for coordinating activities between the two Priorities. This role will also be responsible for all required federal reporting and for coordinating the activities of the cooperative agreement between DPI and the Department of Education. Upon hire, this person will be tasked with executing the project governance plan including the forming of steering committees, supporting committee meetings with agendas and updates, tracking progress on all deliverables, and assisting program staff with forming ad hoc workgroups where necessary to meet specific challenges.

Formative Assessment Practices Consultant

Currently, the Office of Student Assessment at DPI is comprised of 1-2 consultants for each of the statewide required assessments. There is a consultant to support communications and one to support state interagency initiatives. There are no consultants that specifically address benchmark/interim assessments or formative assessment practices. In a time when local assessment needs may seem to be growing and when anti-assessment sentiment is growing, it's important that DPI help support appropriate assessment practices and this consultant will play a key role in this work.

This position will facilitate curation of resources for the formative practices collection within WISElearn; identify resource gaps and create resources as necessary. It will serve as a primary contact for the field, providing technical assistance related to formative practices and balanced assessment. Finally, the position will be responsible for planning and facilitating assessment-related training across the state. All of this work requires extensive cross-agency collaboration and partnership with external stakeholders. The consultant will coordinate the projects accordingly.

DPI aims to hire this consultant as soon as possible after the grant starts. However, we have learned from previous grants that the process of hiring project positions can be time consuming. Our staffing plan for this grant takes that timing into account by budgeting more time for existing staff in year 1 while ensuring these important projects can get underway in a timely manner with existing staffing resources. Funding for existing staff is explained further below.

Research Analyst

DPI believes that to take full advantage of external partnerships with the research community and to build bridges to practitioners, a research analyst needs to be devoted full-time to these activities. The resource hired here will be tasked with serving as the representative for DPI in all discussions around the research under the WCER and IRP subcontracts. This role will also be tasked with documenting DPI data and sharing expertise about DPI's data with external researchers to ensure the data is used accurately. This role will also build ongoing tools to streamline the process of working with external researchers including a true data codebook,

software to pull commonly requested data, and a process for knowledge transfer from external researchers back to DPI including a process for implementing researcher analyses and replicating them back at DPI.

Technology Support Consultant

The projects DPI proposes to build assessment and data literacy and to highlight and support formative practices at a classroom level will benefit greatly from enhanced technology. This may involve shooting videos of educators, producing digital learning modules to convey on-demand training, or creating dynamic resources to live on the DPI website and/or WISElearn. The ongoing nature of this work will benefit from consistent instructional technology support. This position will be housed on the Instructional Media and Technology Team at DPI, working very closely with the advisory groups described in the Outcomes and with staff across the agency in order to execute the visions of those groups.

Existing Staff

Policy and Budget Research Analysts

DPI's existing policy and budget research analysts will be responsible for helping guide the development of research-ready data dictionaries and data documentation, integration of additional contextual data such as US Census estimates with existing DPI data warehouse data, and integrating of new program area data that exists outside of the LDS. They will also be helpful in the planning process of the survey and with disseminating results within the organization.

Assessment Office Consultant

As noted above, previous grant-funded project positions have taken longer than hoped to be approved and hired under the state process. As a result, DPI leadership has agreed to allocate current staff time to support the balanced assessment and formative practices work. One staff member in the Office of Student Assessment will be funded at .2 FTE throughout the grant.

Data Use Consultants

Two communications and strategic planning consultants in the Office of Educational Accountability (which provides internal and external support around data analysis and use) would be funded at .1 FTE for all years of the grant.

Content Expertise

For the first year of the grant, DPI proposes that two content/standards consultants will be funded at .2 FTE in order to support their participation in grant projects. For the remainder of the grant, funding would go to .1 FTE. Three additional content consultants would be funded at .1 FTE for all years of the grant.

The assessment, data, and content consultants identified above would, combined, serve as an internal workgroup for Outcomes 2 and 3. Once hired, the formative assessment practices consultant would play a key role in the workgroup. The project manager may lead the group, or may monitor workgroup activities but not play a lead role. The specifics will be determined once the new staff are hired.

2. Fringe Benefits

DPI's current fringe rate for all staff is 39.75%. This will be charged for all new and existing staff on the grant proportional to the amount of time they work on the grant.

Staff Costs Annually Including Salary, Fringe, and Personnel Fixed Costs and IT Costs

Classification	Year 1					Years 2 through 4				
	Hourly	FTE	Salary	Fringe	Fixed Cost	Hourly	FTE	Salary	Fringe	Fixed Cost
Research Analyst (new)	\$30	0.5	\$31,200	\$12,400	\$7,800	\$30	1	\$62,400	\$24,800	\$15,700
Project Manager (new)	\$20.5	0.5	\$21,320	\$8,500	\$6,300	\$20.5	1	\$42,640	\$16,900	\$12,600
Research Analyst (existing)	\$34	0.1	\$7,072	\$2,800	\$1,700	\$34	0.1	\$7,072	\$2,800	\$1,700
Research Analyst (existing)	\$34	0.15	\$10,608	\$4,200	\$2,500	\$34	0.1	\$7,072	\$2,800	\$1,700
Supervisor for IS (existing)	\$45	0.2	\$18,720	\$7,400	\$4,100	\$45	0.2	\$18,720	\$7,400	\$4,100
Assessment Office Consultant (existing)	\$35	0.2	\$14,560	\$5,800	\$3,500	\$35	0.2	\$14,560	\$5,800	\$3,500
Data Use Consultant (1) (existing)	\$30	0.1	\$6,240	\$2,500	\$1,600	\$30	0.1	\$6,240	\$2,500	\$1,600
Data Use Consultant (2) (existing)	\$35	0.1	\$7,280	\$2,900	\$1,700	\$35	0.1	\$7,280	\$2,900	\$1,700
Content Consultant (1) (existing)	\$35	0.2	\$14,560	\$5,800	\$3,500	\$35	0.1	\$7,280	\$2,900	\$1,700
Content Consultant (2) (existing)	\$35	0.2	\$14,560	\$5,800	\$3,500	\$35	0.1	\$7,280	\$2,900	\$1,700
Content Consultant (3) (existing)	\$35	0	\$0.00	\$0.00	\$0.00	\$35	0.1	\$7,280	\$2,900	\$1,700
Content Consultant (4) (existing)	\$35	0	\$0.00	\$0.00	\$0.00	\$35	0.1	\$7,280	\$2,900	\$1,700
Content Consultant (5) (existing)	\$35	0	\$0.00	\$0.00	\$0.00	\$35	0.1	\$7,280	\$2,900	\$1,700
Formative Practice Consultant (new)	\$35	0.5	\$36,400	\$14,500	\$8,700	\$35	1	\$72,800	\$28,900	\$17,300
Media Support (new)	\$22.5	0.25	\$11,700	\$4,700	\$3,300	\$22.5	1	\$46,800	\$18,600	\$13,300

3. Travel

Travel costs are billed equally between the three Evaluation and Research Outcomes. DPI includes plans for three annual trips for DPI staff. It is expected that DPI's three research analysts will attend two national research conferences (e.g. the American Education Research Association Annual Meeting, the Association for Public Policy Analysis and Management Fall Research Conference, etc.) to present DPI and WCER work each year. The trips are expected to be 4 days and 3 nights for all three analysts. DPI has also budgeted for two DPI staff to attend the annual grantee meeting put on the U.S. Department of Education for 3 days and 2 nights.

We also include here costs associated with paying for travel for external stakeholders to attend convenings or work sessions in consultation with DPI staff. The flexibility to offset costs associated with participation in the design and implementation of Outcomes 1-3 is essential to ensuring the deliverables in these areas meet the diverse needs of the state. We budget for funds for 50 single person/day trips each year of the grant with the costs divided among Outcomes 1-3. DPI estimates that a person traveling for a one-day meeting will cost \$70 in lodging, \$38 in meals, and \$51 in mileage for a per-trip cost of \$159.

Travel expense reimbursements are made on the basis of actual and reasonable expenditures. Payments are governed by Wisconsin State Statutes and Travel Regulations. Travel estimates are based on past accounting experience, allowable travel expenses based on the State of Wisconsin travel regulations and travel quotes from Madison travel agencies.

We anticipate that our subcontracts with IRP and WCER will also include travel funds for research staff and have included this travel within the cost of those contracts.

Item	Year 1	Year 2	Year 3	Year 4
Research Training Travel	\$8,180.00	\$8,180.00	\$8,180.00	\$8,180.00
External Committee Travel	\$7,950.00	\$7,950.00	\$7,950.00	\$7,950.00

4. Equipment

There are no costs associated with equipment.

5. Supplies

Under supplies we include the costs associated with holding training events with educators across the state. DPI estimates that a large training event costs approximately \$10,000 and

smaller one-day events cost \$2,500. At the level funded in the budget, we could do two large activities for both outcome 2 and 3 each year in years 2-4 and four to six smaller meetings. Additionally, we include annual funds for additional licenses of a multimedia courseware authoring tool, Articulate, and additional video production hardware to avoid any bottlenecks in generating content for inclusion in WISELearn. These costs are divided evenly among the three outcomes under the Instructional Support priority.

We also include \$1,000 per year to obtain software licenses for a robust source code management system, a research repository system, and access to any research papers or research materials necessary to conducting the work under the grant.

DPI maintains a high-powered computing server for running computationally intense data analyses on large datasets. By growing our team we also plan to grow our computing capabilities to ensure all research analysts supported by the grant have the computing power they need to support research using SLDS data. We include the annual cost for one license of Shiny Server Pro a software service that allows research analysts to deploy secure interactive data visualization and analysis applications to limited audiences (\$10,000 per server per year). We also build in funds to upgrade DPI's existing analytics hardware including RAM upgrades to scale DPI's computing needs to match the growth of SLDS data over this period.

The other line item is instructional support media. This will cover the additional costs of producing video and interactive multimedia modules, including the procurement of media production computer equipment, cameras, software licenses, and microphones for staff.

We include funds to pay for the biannual convening of the Wisconsin Education Research Advisory Council (\$1,000 annually). We also include costs associated with specialized software services for DPI's research team to work more closely with WCER research staff, including subscriptions to a source code management system. These funds would also be used for research materials such as textbooks and software training modules to help onboard staff.

The costs of the evaluation and research supplies are divided evenly among the three projects, and the same is true for the instructional support supplies.

Item	Year 1	Year 2	Year 3	Year 4
Training Events	\$12,500	\$65,000	\$65,000	\$65,000
Research Tools	\$1,000	\$1,000	\$1,000	\$1,000
Analytics Server License and Upgrades	\$12,500	\$12,500	\$10,000	\$10,000
Instructional Support Media	\$2,500	\$5,000	\$5,000	\$5,000
WERAC	\$1,000	\$1,000	\$1,000	\$1,000

6. Contractual

DPI proposes two subcontracts under the Evaluation and Research priority area. Wisconsin boasts one of the top education research centers in the world in the Wisconsin Center for Education Research (WCER) and one of only three National Poverty Research Centers in the Institute for Research on Poverty at UW-Madison (IRP). Collaborating with both is a key strategy in building a sustainable research program using SLDS data.

DPI alone cannot hire enough research analysts with enough expertise in order to maximize the benefit of the SLDS. Instead, we choose to grow our staff slightly (see section above) and invest in building strong relationships with UW partners to do things that our capacity does not allow such as linking records from multiple administrative systems, conducting statewide surveys, and engaging in qualitative research projects with schools and districts. More detailed information on the staffing and expenditures in each of these subcontracts is available in the outcome by outcome breakdown of the budget below including individual budget justifications and estimates for each contract based on consultation with key staff in both organizations.

Contract	Year 1	Year 2	Year 3	Year 4
WCER	\$516,836	\$498,962	\$535,578	\$492,041
IRP	\$119,196	\$119,196	\$119,196	\$119,196

7. Indirect Costs

This line covers the following project support costs: administration of grants, contracts, subcontracts and agreements; budget consultation and preparation; programmatic accounting; financial reporting/monitoring; fiscal consultation; expenditure audit/review; facility management; telephone installation, rental, and general usage; normal equipment service; normal editorial service; normal graphic service; office supplies; and miscellaneous program support; and facility operation and maintenance, and building usage charge.

DPI's negotiated restricted indirect costs rate is 5.1% on most costs, except for subcontracts. DPI charges 5.1% on the first \$25,000 of each subcontract, but no indirect on the remaining amount of the subcontract. Total grant indirect costs are billed evenly across all six Outcomes.

8. Other

Personnel Fixed and IT Costs

The DPI charges a 15.53% rate for fixed costs for all personnel in the grant. This covers DPI fixed cost allocations. Additionally, each FTE is charged a \$6,000 desktop service fee to cover

IT costs. These charges are applied to all non-contractor personnel funded by the grant in proportion to their total time allocated to the grant.

IT Developer Time

IT developers will be responsible for developing extract, transform, and load (ETL) routines for integrating all new data sources into the data warehouse. Additionally, they will be responsible for overseeing the integration of student intervention management system, Ed-Fi data reporting, and WISEdash data reporting tools into a seamless user experience for educators. Additional time will come in expanding the digital data analysis workbooks of WISEdash to include recommendations for evidence based practices. DPI IT staff and contracted positions bill at \$85 per hour; DPI’s data warehouse vendor bills at \$125 per hour.

Additionally we include funds to hire a part-time employee at a rate of \$17 per hour to support with media production tasks. This is described in more detail in the outcome specific budgets below.

Item	Year 1	Year 2	Year 3	Year 4
Personnel Fixed Costs + IT	\$48,200	\$81,700	\$81,700	\$81,700
IT Development - Intervention	\$0	\$42,500	\$42,500	\$0
IT Development - WISELearn Link	\$0	\$20,000	\$0	\$0
IT Development - WISEdash Local	\$37,500	\$37,500	\$37,500	\$37,500
IT Development - ETL	\$10,625	\$10,625	\$10,625	\$10,625
Media Production LTE	\$850	\$8,500	\$8,500	\$8,500

9. Training Stipends

There are no costs here.

Cost Breakdown by Outcome

Outcome 1: SLDS

Staff: None

Other

IT chargebacks

DPI plans on IT chargebacks of three different types under this project.

Deliverable 1.1: ETL Development (500 hours of developer time at \$85 an hour)

Each year we will plan for 125 hours of IT work on additional assessment data for the data warehouse. This work will include a mixture of business analyst, extract, transform, and load (ETL) procedure work, dashboard planning, and dashboard development.

Deliverable 1.2: Expand Access to WISEdash Local

Each year DPI will fund the integration costs through a service agreement with the data warehouse vendor VersiFit technologies for up to five additional school districts. DPI estimates that this will take approximately 300 hours of the contractor time for VersiFit staff due to similarities between district information systems and the vendor’s existing expertise with a wide array of student information systems. This will cost DPI an estimated \$37,500 annually for four years when billed at the state’s agreed rate with VersiFit of \$125 an hour for external contractors.

Deliverable 1.3: Intervention Management System

The first year of this project will be focused on scoping and planning work.

Year 2 and 3 DPI will bill contractors to extend the ETL process. DPI contractor work is billed at an IT chargeback structure of \$85 per hour. We bill 500 hours in each year for the implementation of a student intervention management system.

	Year 1	Year 2	Year 3	Year 4
Load Local Assessments	125 hours @ \$85 = \$10,625	125 hours @ \$85 = \$10,625	125 hours @ \$85 = \$10,625	125 hours @ \$85 = \$10,625
WISEdash Local	300 hours @ \$125 = \$37,500	300 hours @ \$125 = \$37,500	300 hours @ \$125 = \$37,500	300 hours @ \$125 = \$37,500
Intervention Management System	0 hours	500 hours @ \$85 = \$42,500	500 hours @ \$85 = \$42,500	0 hours

There are no Personnel costs associated with this project. As discussed above, the travel costs associated with this priority area are spread out across all three outcomes as it is anticipated bringing in stakeholders and collaborating with external audiences will be necessary for some part of each component of the grant.

Outcome 1	Year 1	Year 2	Year 3	Year 4
Personnel	\$ -	\$ -	\$ -	\$ -
Fringe Benefits	\$ -	\$ -	\$ -	\$ -
Travel	\$ 2,647	\$ 2,647	\$ 2,647	\$ 2,647
Equipment	\$ -	\$ -	\$ -	\$ -
Supplies	\$ -	\$ -	\$ -	\$ -
Contractual	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -
Other	\$ 48,125	\$ 90,625	\$ 90,625	\$ 48,125
Total Direct Costs				
Indirect Costs	\$ 3,928	\$ 6,791	\$ 6,600	\$ 6,239
Training Stipends				
Total Costs	\$ 54,718	\$ 100,081	\$ 99,890	\$ 57,029

Outcome 2: Increase Assessment Literacy

Personnel

Role	New or Existing	Year 1	Year 2	Year 3	Year 4
Project Manager	New	0.25 FTE	0.5 FTE	0.5 FTE	0.5 FTE
Supervisor	Existing	0.1 FTE	0.1 FTE	0.1 FTE	0.1 FTE
Assessment Consultant	Existing	0.1 FTE	0.1 FTE	0.1 FTE	0.1 FTE
Data Use Consultant (1)	Existing	0.05 FTE	0.05 FTE	0.05 FTE	0.05 FTE
Data Use Consultant (2)	Existing	0.05 FTE	0.05 FTE	0.05 FTE	0.05 FTE
Content Consultant (1)	Existing	0.1 FTE	0.1 FTE	0.05 FTE	0.05 FTE
Content Consultant (2)	Existing	0.1 FTE	0.1 FTE	0.05 FTE	0.05 FTE
Content Consultant (3)	Existing	0 FTE	0.05 FTE	0.05 FTE	0.05 FTE
Content Consultant (4)	Existing	0 FTE	0.05 FTE	0.05 FTE	0.05 FTE
Content Consultant (5)	Existing	0 FTE	0.05 FTE	0.05 FTE	0.05 FTE
Formative Assessment Practice Consultant	New	0.25 FTE	0.5 FTE	0.5 FTE	0.5 FTE
Technology Support Consultant	New	0.125 FTE	0.5 FTE	0.5 FTE	0.5 FTE
Total		1.125 FTE	1.75 FTE	1.75 FTE	1.75 FTE

DPI plans on dividing personnel under the Instructional Support priority evenly between Outcome 2 and Outcome 3. The table above reflects this.

In addition to the costs associated with salary, fringe, and personnel fixed costs, there are additional costs for this outcome. Travel is billed to include one-third of the costs for travel for

external stakeholders described above (an estimated 16 trips per year for external stakeholders per outcome at \$159 per trip).

Under supplies there are two specific line items. The first is a budget for training events. DPI estimates that a large multi-day training event costs \$10,000 and a single day smaller workshop style training costs \$2,500 based on recent experience doing training of educators. The first year we anticipate doing one large and one small training session. In subsequent years we estimate a need for two to three large trainings per outcome and two to three smaller workshops. These training costs are distinct from stakeholder travel where we are paying travel costs of individuals – instead here we are paying for space and event logistics to invite participation from trainees who will be expected to pay their own costs.

The other line item is instructional support media. This will cover the additional costs of producing video and interactive multimedia modules, including the procurement of media production computer equipment, cameras, software licenses, and microphones for staff.

	Year 1	Year 2	Year 3	Year 4
Training events	\$6,250	\$32,500	\$32,500	\$32,500
Instructional support media	\$1,250	\$2,500	\$2,500	\$2,500

Under Other we include costs for a limited-term employee hourly at \$17 an hour to provide additional video and multimedia module production capacity at key times. DPI has had success using students from Madison Area Technical College for previous work under the WISELearn project and will pursue a similar strategy here. For this outcome we have budgeted 25 hours of work in the first year, and 250 hours each in years 2-4.

Outcome 2	Year 1	Year 2	Year 3	Year 4
Salary and Fringe	\$ 101,620	\$ 171,470	\$ 171,470	\$ 171,470
Travel	\$ 2,647	\$ 2,647	\$ 2,647	\$ 2,647
Equipment	\$ -	\$ -	\$ -	\$ -
Supplies	\$ 7,500	\$ 35,000	\$ 35,000	\$ 35,000
Contractual	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -
Other	\$ 425	\$ 14,250	\$ 4,250	\$ 4,250
Personnel Fixed	\$ 18,039	\$ 31,139	\$ 31,139	\$ 31,139
Total Direct Costs	\$ -	\$ -	\$ -	\$ -
Indirect Costs	\$ 3,945	\$ 6,809	\$ 6,617	\$ 6,256
Training Stipends	\$ -	\$ -	\$ -	\$ -
Total Costs	\$ 134,177	\$ 261,315	\$ 251,124	\$ 250,763

Outcome 3: Increase Capacity for Data Use

Personnel

Role	New or Existing	Year 1	Year 2	Year 3	Year 4
Project Manager	New	0.25 FTE	0.5 FTE	0.5 FTE	0.5 FTE
Supervisor	Existing	0.1 FTE	0.1 FTE	0.1 FTE	0.1 FTE
Assessment Consultant	Existing	0.1 FTE	0.1 FTE	0.1 FTE	0.1 FTE
Data Use Consultant (1)	Existing	0.05 FTE	0.05 FTE	0.05 FTE	0.05 FTE
Data Use Consultant (2)	Existing	0.05 FTE	0.05 FTE	0.05 FTE	0.05 FTE
Content Consultant (1)	Existing	0.1 FTE	0.1 FTE	0.05 FTE	0.05 FTE
Content Consultant (2)	Existing	0.1 FTE	0.1 FTE	0.05 FTE	0.05 FTE
Content Consultant (3)	Existing	0 FTE	0.05 FTE	0.05 FTE	0.05 FTE
Content Consultant (4)	Existing	0 FTE	0.05 FTE	0.05 FTE	0.05 FTE
Content Consultant (5)	Existing	0 FTE	0.05 FTE	0.05 FTE	0.05 FTE
Formative Assessment Practice Consultant	New	0.25 FTE	0.5 FTE	0.5 FTE	0.5 FTE
Technology Support Consultant	New	0.125 FTE	0.5 FTE	0.5 FTE	0.5 FTE
Total		1.125 FTE	1.75 FTE	1.75 FTE	1.75 FTE

DPI plans on dividing personnel under the Instructional Support priority evenly between Outcome 2 and Outcome 3. The table above reflects this.

In addition to the costs associated with salary, fringe, and personnel fixed costs, there are additional costs for this outcome. Travel is billed to include one-third of the costs for travel for external stakeholders described above (an estimated 16 trips per year for external stakeholders per outcome at \$159 per trip).

Under supplies there are two specific line items. The first is a budget for training events. DPI estimates that a large multi-day training event costs \$10,000 and a single day smaller workshop style training costs \$2,500 based on recent experience doing training of educators. The first year we anticipate doing one large and one small training session. In subsequent years we estimate a need for two to three large trainings per outcome and two to three smaller workshops. These training costs are distinct from stakeholder travel where we are paying travel costs of individuals – instead here we are paying for space and event logistics to invite participation from trainees who will be expected to pay their own costs.

The other line item is instructional support media. This will cover the additional costs of producing video and interactive multimedia modules, including the procurement of media production computer equipment, cameras, software licenses, and microphones for staff.

	Year 1	Year 2	Year 3	Year 4
Training events	\$6,250	\$32,500	\$32,500	\$32,500
Instructional support media	\$1,250	\$2,500	\$2,500	\$2,500

Under Other we include costs for a limited-term employee hourly at \$17 an hour to provide additional video and multimedia module production capacity at key times. DPI has had success using students from Madison Area Technical College for previous work under the WISELearn project and will pursue a similar strategy here. For this outcome we have budgeted 25 hours of work in the first year, and 250 hours each in years 2-4.

Outcome 3	Year 1	Year 2	Year 3	Year 4
Personnel and Fringe	\$ 101,620	\$ 171,470	\$ 171,470	\$ 171,470
Travel	\$ 2,647	\$ 2,647	\$ 2,647	\$ 2,647
Equipment	\$ -	\$ -	\$ -	\$ -
Supplies	\$ 7,500	\$ 35,000	\$ 35,000	\$ 35,000
Contractual	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -
Other	\$ 425	\$ 14,250	\$ 4,250	\$ 4,250
Personnel Fixed	\$ 18,039	\$ 31,139	\$ 31,139	\$ 31,139
Total Direct Costs	\$ -	\$ -	\$ -	\$ -
Indirect Costs	\$ 3,945	\$ 6,809	\$ 6,617	\$ 6,256
Training Stipends	\$ -	\$ -	\$ -	\$ -
Total Costs	\$ 134,177	\$ 261,315	\$ 251,124	\$ 250,763

Evaluation and Research

DPI research personnel will be divided evenly among the three projects here. In the grant DPI requests funding for the following positions to support evaluation and research to be divided up among the three outcomes.

Role	New or Existing	Year 1	Year 2	Year 3	Year 4
Research Analyst (1)	New	0.5 FTE	1 FTE	1 FTE	1 FTE
Research Analyst (2)	Existing	0.15 FTE	0.1 FTE	0.1 FTE	0.1 FTE
Research Analyst (3)	Existing	0.1 FTE	0.1 FTE	0.1 FTE	0.1 FTE
Total		0.75 FTE	1.2 FTE	1.2 FTE	1.2 FTE

For Outcomes 4 and 5 WCER provided DPI with an initial budget estimate. As these two projects overlap in important ways, the costs from the WCER contract are divided evenly between these two Outcomes. Below we describe the key components of the UW budget that are related to each project. DPI research staff (see personnel above) are billed evenly across the three Outcomes in this Priority Area. The travel for DPI staff is billed evenly across the three Outcomes as well.

For Outcome 6 DPI based its contract estimates off of conversations with IRP regarding similar services provided to the Wisconsin Department of Children and Families.

WCER Contract Details

Personnel

Investigators

Eric Grodsky will take be project lead at WCER. Grodsky will supervise two project assistants responsible for assembling, managing and analyzing data in support of the substantive research outlined under deliverables 1.1, 1.3 and 1.4. With partners from DPI Grodsky will take the lead in producing at least one academic paper from this collaborative project.

In addition to Grodsky, another investigator to be determined will lead the qualitative dimension of work under Outcome 1. This investigator will take a leading role in developing focus group protocols and conducting focus groups and in creating protocols for and completing semi-structured interviews with school personnel. The investigator will supervise one project assistant in year one of the grant in support of deliverable 1.2 (focus groups, survey development) and will collaborate with Grodsky and DPI staff in producing at least one academic paper.

Dr. Steve Kimball, WEC Co-Director, will have primary responsibility for WEC outreach activities outlined under Deliverable 5.1 in the project narrative, and will serve as the primary liaison with the Network and DPI around development of the networked communities of practice. He will also work with dissemination of results (Deliverable 5.4).

Dr. Rich Halverson, Co-Director of the Wisconsin Collaborative Education Research Network (The Network), will lead the Network in facilitating an exchange of ideas, insights and knowledge between educational practitioners across the state and members of the WCER and DPI research teams. Halverson, with the support of a project assistant in each year of the grant, will conduct outreach under deliverable 2.1, support work with CESAs under deliverable 2.2, and enable dissemination under deliverable 2.4

Staff

Dr. Bradley Carl, WEC Co-Director, will have primary responsibility for the intake and referral process for providing direct evaluation support to Wisconsin districts under Goal 3 in the project narrative, and will assist with development and delivery of activities designed to build local evaluation capacity (Deliverable 5.2) and dissemination of results (Deliverable 5.4).

Dr. Annalee Good, WEC Co-Director, will have primary responsibility for developing the activities and curriculum to build local evaluation capacity (Deliverable 5.2), and will actively participate in dissemination activities (Deliverable 5.4).

Dr. Robin Worth will serve as the overall project coordinator for WEC, with a specific focus on development of activities to build local evaluation capacity (Deliverable 5.2).

Jessica Arrigoni will provide direct evaluation support services to districts (Deliverable 5.3), with a focus on qualitative methods and dissemination of results (Deliverable 5.4).

Grant Sim will provide direct evaluation support services to Wisconsin districts (Deliverable 5.3), including a focus on quantitative methods and dissemination of results (Deliverable 5.4).

Dan Marlin will provide direct evaluation support services to Wisconsin districts (Deliverable 5.3), and will assist with development of activities to build local evaluation capacity (Deliverable 5.2).

Networked Storage/Data Security Administrator will allocate and manage SAN allocation and backup and administer data security policies for the project under deliverables 1.1, 1.3 and 1.4.

Given the scope of the Network's outreach, coordination and dissemination activities, Dr. Halverson will require a half-time program coordinator. The coordinator will handle logistics including arranging phone, Skype and in-person meetings, facilitate travel, produce materials in support of coordinate outreach and dissemination and provide general logistical support. The project coordinator will require an additional 10% for deliverables 1 and 5.

Project Assistants

Two of the three project assistants funded under all four years of this grant will assume primary responsibility for assembling, managing and analyzing data for this project. Data will include records from DPI, survey data funded under this grant application, and data describing school contexts (including census data and other data collected by the state and federal government). Project assistants will also work with IRP data under this project to support the research of Grodsky, Knowles, and Noyes.

An additional project assistant funded under all four year of this grant will support a second investigator in collecting data and running focus groups in year 1, in analyzing the focus group and interview data in year 2 and in visiting schools, interviewing school personnel, transcribing interviews and collaborating on research monographs. Given the added workload of school site visits and extensive interviews we will hire a second project assistant on the qualitative side of the project in years 3 and 4 for a total of four project assistants in each of the final two years of funding.

Halverson will hire a project assistant to support his outreach and dissemination activities. The project assistant will access and summarize research and policy information of relevance to the project, including items from new sources and school associations around Wisconsin to keep project participants apprised of developments in the field relevant to the evaluative and research work supported under this grant. The assistant will also support translational work on behalf of the center, writing briefs summarizing relevant research produced by or relevant to key policies relevant to reducing opportunity and achievement gaps in the state.

Undergraduate research assistants

Undergraduate research assistants will provide additional support, including taking notes at focus groups and project meetings, transcribing interviews and producing descriptive statistics and graphs. Undergraduate research assistants may also perform literature searches and summarize relevant literature as needed.

Fringe Benefits

Fringe benefit rates vary by employee classification. Classifications and rates are established by the University. In recent years, fringe benefit rates have increased consistently on an annual basis and are increased slightly following June 30.

Travel

We request travel funds for a trip to Washington, D.C., for each year of the grant for Grodsky to attend the Principal Investigators' meeting with Jared Knowles. We also request travel fund for eight in-state trips, each with one overnight, for two persons in year 1 for data collections.

In years 3 and 4 we request funds for conference travel for two investigators and two project assistants to attend two conferences in year 3 (AERA and SREE) and one conference in year 4 (AERA).

Other

The University of Wisconsin Survey Center will develop survey instruments in collaboration with the investigators, produce a web and paper version of the survey, manage the sample, field

the survey and engage in non-response conversion by email, snail mail and phone. We request \$160,000 over four years to support these efforts.

Tuition remission is budgeted at \$12,000 per graduate student per year. This rate is consistent for all UW graduate assistants.

Supplies

We request funds to purchase necessary research hardware and software for the graduate students who will work on this project. The students will use these in assembling, managing and analyzing data for this project. Funds have also been budgeted for miscellaneous research materials, publications and copying services.

Indirect Costs

The Educational Technical Assistance Act of 2002 requires that funds made available under the SLDS grant program be used to supplement, and not supplant, other State or local funds used for developing or using State data systems. The cost rate that States should use for indirect costs for SLDS funding is the restricted cost rate, as opposed to the unrestricted cost rate. According to EDGAR section 76.563, this requirement also extends to their subgrantees and this budget includes an indirect cost rate of 8% on total direct costs.

Outcome 4: Linking SLDS to Practice

In addition to one half of the WCER costs described above, this outcome also includes some costs specific to DPI.

DPI Personnel costs include one-third of the personnel budgeted for evaluation and research activities.

DPI Travel costs include one-third of the cost for all three DPI research analysts to attend two 3 night research conferences out of state and for two DPI staff to attend a 2 night Grantee meeting in Washington D.C. The travel to research conferences is to facilitate co-presentation with WCER and IRP researchers at national conferences and to ensure that DPI research analysts can bring back cutting edge research from elsewhere to the agency.

Under supplies we include three line items, again divided by two because they are spread across Outcomes 4 and 6.

	Year 1	Year 2	Year 3	Year 4
Research Tools	\$500	\$500	\$500	\$500
Analytics Server	\$6,250	\$6,250	\$5,000	\$5,000
WERAC Meetings	\$500	\$500	\$500	\$500

Research tools will fund licenses for software to specifically facilitate collaboration among the DPI research team and between the DPI research team and the WCER research team including a private source code repository, a citation management solution, and specialized statistical software if needed.

The analytics server costs include a single license to Shiny Server Pro at \$10,000 per year. This software allows research analysts to deploy secure custom interactive analytic tools based on the R statistical computing language. DPI has invested heavily in R training in the past and this tool will allow DPI research analysts to more easily disseminate results by building interactive tools to explore simulated results from analyses conducted under this priority.

WERAC is a crucial vehicle for DPI to disseminate its research activities and get feedback from researchers and practitioners about what it should focus its research resources around. This should fund two meetings annually based on DPI’s previous experience with WERAC funding.

Outcome 4	Year 1	Year 2	Year 3	Year 4
Salary and Fringe	\$ 22,760	\$ 35,648	\$ 35,648	\$ 35,648
Travel	\$ 2,727	\$ 2,727	\$ 2,727	\$ 2,727
Equipment	\$ -	\$ -	\$ -	\$ -
Supplies	\$ 7,250	\$ 7,250	\$ 6,000	\$ 6,000
Contractual	\$ 258,418	\$ 249,481	\$ 267,789	\$ 246,021
Construction	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -
Personnel Fixed	\$ 4,040	\$ 6,474	\$ 6,474	\$ 6,474
Total Direct Costs	\$ -	\$ -	\$ -	\$ -
Indirect Costs	\$ 3,945	\$ 6,809	\$ 6,617	\$ 6,256
Training Stipends	\$ -	\$ -	\$ -	\$ -
Total Costs	\$ 299,140	\$ 308,388	\$ 325,255	\$ 303,125

Outcome 5: Expand Local Evaluation Capacity

The costs for Outcome 5 are identical for those in Outcome 4 except there are no costs associated with research collaboration supplies here.

Outcome 5	Year 1	Year 2	Year 3	Year 4
Salary and Fringe	\$ 22,760	\$ 35,648	\$ 35,648	\$ 35,648
Travel	\$ 2,727	\$ 2,727	\$ 2,727	\$ 2,727
Equipment	\$ -	\$ -	\$ -	\$ -
Supplies	\$ -	\$ -	\$ -	\$ -
Contractual	\$ 258,418	\$ 249,481	\$ 267,789	\$ 246,021
Construction	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -
Personnel Fixed	\$ 4,040	\$ 6,474	\$ 6,474	\$ 6,474
Total Direct Costs	\$ -	\$ -	\$ -	\$ -
Indirect Costs	\$ 3,945	\$ 6,809	\$ 6,617	\$ 6,256
Training Stipends	\$ -	\$ -	\$ -	\$ -
Total Costs	\$ 291,890	\$ 301,138	\$ 319,255	\$ 297,125

Outcome 6: Cross-Agency Study

IRP provided DPI with an initial cost estimate for the work described in this outcome based in part on prior experience working together and with the Department of Children and Families. The contract details will be negotiated upon receipt of the award, but the cost estimates included in the budget are justified below.

Personnel

Investigators

Dr. Jennifer Noyes will take be project lead at IRP.

Dr. Lawrence Berger, IRP Director.

Staff

Steven Cook will take the lead on working with DPI and IRP staff to move any proposed research through the IRB process and to obtain data sharing agreements between DPI and IRP and help DPI with other state agencies whose data is needed to complete the proposed research.

IRP Programmers. This includes the time necessary for IRP programmers to integrate DPI data into the IRP data system and maintain and update that data throughout the project.

Fringe Benefits

Fringe benefit rates vary by employee classification. Classifications and rates are established by the University. In recent years, fringe benefit rates have increased consistently on an annual basis and are increased slightly following June 30.

Travel

We request travel funds for a trip to a national conference with DPI researchers to co-present work in years 2-4.

Other

Conference call budget is included to facilitate meetings across state agency staff. The indirect rate charged by the University of Wisconsin on this subcontract is yet to be negotiated, but UW indirect costs are estimated to be 15.5% for this contract.

Supplies

Funds have also been budgeted for miscellaneous research materials, publications and copying services.

Indirect Costs

Conference call budget is included to facilitate meetings across state agency staff. The indirect rate charged by the University of Wisconsin on this subcontract is yet to be negotiated, but UW indirect costs are estimated to be 15.5% for this contract.

In addition to the IRP costs, half of DPI's research supplies costs are anticipated to be spent here. One-third of DPI's research travel costs are also included here.

Outcome 6	Year 1	Year 2	Year 3	Year 4
Salary and Fringe	\$ 22,760	\$ 35,648	\$ 35,648	\$ 35,648
Travel	\$ 2,727	\$ 2,727	\$ 2,727	\$ 2,727
Equipment	\$ -	\$ -	\$ -	\$ -
Supplies	\$ 7,250	\$ 7,250	\$ 6,000	\$ 6,000
Contractual	\$ 119,196	\$ 119,196	\$ 119,196	\$ 119,196
Construction	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -
Personnel Fixed	\$ 4,040	\$ 6,474	\$ 6,474	\$ 6,474
Total Direct Costs	\$ -	\$ -	\$ -	\$ -
Indirect Costs	\$ 3,945	\$ 6,809	\$ 6,617	\$ 6,256
Training Stipends	\$ -	\$ -	\$ -	\$ -
Total Costs	\$ 159,918	\$ 178,103	\$ 176,662	\$ 176,301

Proposed UW Subcontract

**WISCONSIN CENTER FOR EDUCATION RESEARCH
CONNECTING EDUCATORS AND EVIDENCE THROUGH DATA**

IES Project - WI DPI

4 YEAR SUMMARY (9/1/16 - 8/31/20)

<u>PERSONNEL</u>	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Total</u>
Eric Grodsky, PI	\$12,695	\$12,948	\$13,207	\$13,472	\$52,322
Unnamed Investigator	\$7,780	\$7,936	\$8,094	\$8,256	\$32,066
Networked Storage/Data Security Admin (TS)	\$3,250	\$3,315	\$3,381	\$3,449	\$13,395
Graduate Assistant	\$56,253	\$56,253	\$75,004	\$75,004	\$262,514
Student Hourly	\$14,040	\$7,800	\$7,800	\$7,800	\$37,440
Steve Kimball	\$19,571	\$19,963	\$20,362	\$20,769	\$80,665
Brad Carl	\$19,252	\$19,637	\$20,030	\$20,431	\$79,350
Annalee Good	\$12,400	\$12,648	\$12,901	\$13,159	\$51,108
Robin Worth	\$16,972	\$17,311	\$17,658	\$18,011	\$69,952
Jessica Arrigoni	\$12,899	\$13,156	\$13,420	\$13,688	\$53,163
Grant Sim	\$17,393	\$17,741	\$18,095	\$18,457	\$71,686
Daniel Marlin	\$12,500	\$12,750	\$13,005	\$13,265	\$51,520
Rich Halverson	\$11,238	\$11,462	\$11,692	\$11,925	\$46,317
Project Coordinator	\$21,000	\$21,420	\$21,848	\$22,285	\$86,554
Graduate Assistant	\$18,751	\$18,751	\$18,751	\$18,751	\$75,004
TOTAL SALARIES AND WAGES	\$255,993	\$253,092	\$275,248	\$278,722	\$1,063,055

FRINGE BENEFITS

Eric Grodsky, PI	\$4,697	\$4,856	\$5,019	\$5,187	\$19,758
Unnamed Investigator	\$2,879	\$2,976	\$3,076	\$3,179	\$12,109
Networked Storage/Data Security Admin (TS)	\$1,203	\$1,243	\$1,285	\$1,328	\$5,058
Graduate Assistant	\$13,501	\$13,782	\$18,751	\$19,126	\$65,160
Student Hourly	\$337	\$226	\$265	\$304	\$1,133
Steve Kimball	\$7,241	\$7,486	\$7,738	\$7,996	\$30,461
Brad Carl	\$7,123	\$7,364	\$7,611	\$7,866	\$29,964
Annalee Good	\$4,588	\$4,743	\$4,902	\$5,066	\$19,300
Robin Worth	\$6,280	\$6,492	\$6,710	\$6,934	\$26,416
Jessica Arrigoni	\$4,772	\$4,934	\$5,099	\$5,270	\$20,075
Grant Sim	\$6,435	\$6,653	\$6,876	\$7,106	\$27,070
Daniel Marlin	\$4,625	\$4,781	\$4,942	\$5,107	\$19,455
Rich Halverson	\$4,158	\$4,298	\$4,443	\$4,591	\$17,490
Project Coordinator	\$7,770	\$8,033	\$8,302	\$8,580	\$32,685
Graduate Assistant	\$4,500	\$4,594	\$4,688	\$4,782	\$18,563

TOTAL FRINGE BENEFITS	\$80,109	\$82,460	\$89,707	\$92,421	\$344,698
TRAVEL	\$21,700	\$17,200	\$29,700	\$23,200	\$91,800
OTHER DIRECT COSTS					
Computers	\$11,500	\$0	\$0	\$0	\$11,500
Research Materials	\$1,100	\$1,100	\$1,100	\$1,100	\$4,400
Copying Services	\$150	\$150	\$150	\$150	\$600
UW Survey Center	\$60,000	\$60,000	\$40,000	\$0	\$160,000
Tuition Remission	\$48,000	\$48,000	\$60,000	\$60,000	\$216,000
TOTAL OTHER DIRECT COSTS	\$120,750	\$109,250	\$101,250	\$61,250	\$392,500
TOTAL DIRECT COSTS	\$478,552	\$462,002	\$495,906	\$455,594	\$1,892,053

Example of IRP Subcontract

<u>PERSONNEL</u>	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Total</u>
Jennifer Noyes PI	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000
Lawrence Berger	\$15,000	\$15,000	\$15,000	\$15,000	\$60,000
Steven Cook	\$10,000	\$10,000	\$10,000	\$10,000	\$40,000
Programmer Time	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000
TOTAL SALARIES AND WAGES	\$75,000	\$75,000	\$75,000	\$75,000	\$300,000
FRINGE BENEFITS					
Jennifer Noyes PI	\$9,250	\$9,250	\$9,250	\$9,250	\$37,000
Lawrence Berger	\$5,550	\$5,550	\$5,550	\$5,550	\$22,200
Steven Cook	\$3,700	\$3,700	\$3,700	\$3,700	\$14,800
Programmer Time	\$9,250	\$9,250	\$9,250	\$9,250	\$37,000
TOTAL FRINGE BENEFITS	\$27,750	\$27,750	\$27,750	\$27,750	\$111,000
TRAVEL	\$0	\$2,000	\$2,000	\$2,000	\$6,000
OTHER DIRECT COSTS					
Computers	\$0	\$0	\$0	\$0	\$0
Research Materials	\$0	\$0	\$0	\$0	\$0
Copying Services	\$150	\$150	\$150	\$150	\$600
Conference Calls	\$300	\$300	\$300	\$300	\$1,200
TOTAL OTHER DIRECT COSTS	\$450	\$450	\$450	\$450	\$1,800
TOTAL DIRECT COSTS	\$103,200	\$103,200	\$103,200	\$103,200	\$412,800
INDIRECT COSTS					
UW	0.155	\$15,996	\$15,996	\$15,996	\$63,984
TOTAL INDIRECT COSTS					
TOTAL DIRECT AND INDIRECT COSTS	\$119,196	\$119,196	\$119,196	\$119,196	\$476,784