

BUDGET JUSTIFICATION FOR ENTIRE PROJECT

Object Class Category	Federal Funds	Non-Federal Cash	Non-Federal In-Kind	TOTAL	Justification
Personnel	\$217,302	\$0	\$0	\$217,302	<p>Federal</p> <p>PI (Caspi) = 1 month of summer salary annually = \$38,059</p> <p>CO-PI (Mankoff) = 1 month of summer salary annually = \$46,749</p> <p>1 graduate student: 9 months annually in academic quarters = \$91,015 1.5 months annually in summer = \$30,339</p> <p>1 undergraduate research assistant (20 hours/week) for 4 months in Year 1, 3 months in Year 2 and 2 months in Year 3 = \$11,140</p>
Fringe Benefits	\$48,501	\$0	\$0	\$48,501	<p>Federal</p> <p>PI (Caspi) at 34.10% = \$12,978</p> <p>CO-PI (Mankoff) at 26.10% = \$12,201</p> <p>1 graduate student at 17.30% = \$20,994</p> <p>1 undergraduate research assistant at 20.90% = \$2,328</p>
Travel	\$25,500	\$0	\$0	\$25,500	<p>Federal</p> <p>3 domestic trips annually for 3 days per trip to attend conferences in Washington DC area.</p> <p>Estimates per trip: Airfare - \$779.00</p>

					<p>Ground Transportation - \$240.00 (\$60 x 4) Per Diem Lodging - \$753 (\$251 x 3) Per Diem Meals - \$228 (\$76 x 3) (\$2,000 x 3 x 3) = \$18,000</p> <p>1 foreign trip for 3 days to attend conference (location TBD). Estimates per trip: Airfare - \$1,060 Ground Transportation - \$240.00 (\$60 x 4) Per Diem Lodging - \$300 (\$300 x 1) Per Diem Meals - \$100 (\$100 x 1) (\$2,500 x 1 x 3) = \$7,500</p>
Equipment	\$5,000	\$0	\$0	\$5,000	Server in Year 1 only (required for project, and to be used exclusively for project)
Supplies	\$6,000	\$0	\$0	\$6,000	Materials for 3D printing (\$2,000 x 3) = \$6,000 (less than 5% of all total direct costs)
Contractual	\$0	\$0	\$0	\$0	
Other Direct Costs	\$101,329	\$0	\$0	\$101,329	<p>Federal UW CSE computer recharge fees: (Y1: \$530 per 3 project members per 4 quarters = \$6,360; Y2: \$540.58 per 3 project members per 4 quarters = \$6,487; Y3: \$551.42 per 3 project members per 4 quarters = \$6,617 = \$19,464</p> <p>Payments to study participants: (\$50 x 100 x 3) = \$15,000</p>

					Tuition for 1 graduate student (3 academic quarters plus 1 summer quarter) = \$66,865
Indirect Charges	\$184,130	\$0	\$0	\$184,130	Federal 55.5% of Modified Total Direct Costs (DHHS, July 21, 2017)
TOTAL	\$587,762	\$0	\$0	\$587,762	

BUDGET JUSTIFICATION FOR EACH YEAR

YEAR 1					
Object Class Category	Federal Funds	Non-Federal Cash	Non-Federal In-Kind	TOTAL	Justification
Personnel	\$71,450	\$0	\$0	\$71,450	<p>Federal</p> <p>PI (Caspi) = 1 month of summer salary at \$12,192/mo = \$12,192</p> <p>CO-PI (Mankoff) = 1 month of summer salary at \$15,583/mo = \$15,583</p> <p>1 graduate student (9 months at \$3,240/mo in academic quarters and 1.5 months at \$6,479/mo in summer) = \$38,875</p> <p>1 undergraduate research assistant (20 hours/week at \$15/hour for 4 months) = \$4,800</p>
Fringe Benefits	\$15,952	\$0	\$0	\$15,952	<p>Federal</p> <p>PI (Caspi) at 34.10% = \$4,157</p> <p>CO-PI (Mankoff) at 26.10% = \$4,067</p> <p>1 graduate student at 17.30% = \$6,725</p> <p>1 undergraduate research assistant at 20.90% = \$1,003</p>
Travel	\$8,500	\$0	\$0	\$8,500	<p>Federal</p> <p>3 domestic trips annually for 3 days per trip to attend conferences in Washington DC area.</p> <p>Estimates per trip: Airfare - \$779.00 Ground Transportation -</p>

					<p>\$240.00 (\$60 x 4) Per Diem Lodging - \$753 (\$251 x 3) Per Diem Meals - \$228 (\$76 x 3) (\$2,000 x 3) = \$6,000</p> <p>1 foreign trip for 3 days to attend conference (location TBD). Estimates per trip: Airfare - \$1,060 Ground Transportation - \$240.00 (\$60 x 4) Per Diem Lodging - \$300 (\$300 x 1) Per Diem Meals - \$100 (\$100 x 1) (\$2,500 x 1) = \$2,500</p>
Equipment	\$5,000	\$0	\$0	\$5,000	Server in Year 1 only (required for project, and to be used exclusively for project)
Supplies	\$2,000	\$0	\$0	\$2,000	Materials for 3D printing = \$2,000 (less than 5% of total direct costs)
Contractual	\$0	\$0	\$0	\$0	
Other Direct Costs	\$32,569	\$0	\$0	\$32,569	<p>Federal UW CSE computer recharge fees: \$530 per 3 project members per 4 quarters = \$6,360</p> <p>Payments to study participants - \$50 x 100 = \$5,000</p> <p>Tuition for 1 graduate student (3 academic quarters - \$18,099; 1 summer quarter - \$3,110) = \$21,209</p>
Indirect Charges	\$60,640	\$0	\$0	\$60,640	<p>Federal 55.5% of Modified Total Direct Costs (DHHS, July 21, 2017)</p>

TOTAL	\$1196,111	\$0	\$0	\$196,111	

YEAR 2					
Object Class Category	Federal Funds	Non-Federal Cash	Non-Federal In-Kind	TOTAL	Justification
Personnel	\$72,438	\$0	\$0	\$72,438	Federal PI (Caspi) = 1 month of summer salary at \$12,680/mo = \$12,680 CO-PI (Mankoff) = 1 month of summer salary at \$15,583/mo = \$15,583 1 graduate student (9 months at \$3,369/mo in academic quarters and 1.5 months at \$6,738/mo in summer) = \$40,431 1 undergraduate research assistant (20 hours/week at \$15.60/hour for 3 months) = \$3,744
Fringe Benefits	\$16,168	\$0	\$0	\$16,168	Federal PI (Caspi) at 34.10% = \$4,324 CO-PI (Mankoff) at 26.10% = \$4,067 1 graduate student at \$17.30% = \$6,995 1 undergraduate research assistant at 20.90% = \$782
Travel	\$8,500	\$0	\$0	\$8,500	Federal 3 domestic trips annually for 3 days per trip to attend conferences in Washington DC area. Estimates per trip: Airfare - \$779.00 Ground Transportation - \$240.00 (\$60 x 4) Per Diem Lodging - \$753

					(\$251 x 3) Per Diem Meals - \$228 (\$76 x 3) (\$2,000 x 3) = \$6,000 1 foreign trip for 3 days to attend conference (location TBD). Estimates per trip: Airfare - \$1,060 Ground Transportation - \$240.00 (\$60 x 4) Per Diem Lodging - \$300 (\$300 x 1) Per Diem Meals - \$100 (\$100 x 1) (\$2,500 x 1) = \$2,500
Equipment	\$0	\$0	\$0	\$0	
Supplies	\$2,000	\$0	\$0	\$2,000	Materials for 3D printing = \$2,000 (less than 5% of total direct costs)
Contractual	\$0	\$0	\$0	\$0	
Other Direct Costs	\$33,758	\$0	\$0	\$33,758	Federal UW CSE computer recharge fees: \$540.58 per 3 project members per 4 quarters = \$6,487 Payments to study participants - \$50 x 100 = \$5,000 Tuition for 1 graduate student (3 academic quarters - \$19,005; 1 summer quarter - \$3,266) = \$22,271
Indirect Charges	\$61,379	\$0	\$0	\$61,379	Federal 55.5% of Modified Total Direct Costs (DHHS, July 21, 2017)
TOTAL	\$194,243	\$0	\$0	\$194,243	

YEAR 3					
Object Class Category	Federal Funds	Non-Federal Cash	Non-Federal In-Kind	TOTAL	Justification
Personnel	\$73,414	\$0	\$0	\$73,414	Federal PI (Caspi) = 1 month of summer salary at \$13,187/mo = \$13,187 CO-PI (Mankoff) = 1 month of summer salary at \$15,583/mo = \$15,583 1 graduate student (9 months at \$3,504/mo in academic quarters and 1.5 months at \$7,008/mo in summer) = \$42,048 1 undergraduate research assistant (20 hours/week at \$16.22/hour for 2 months) = \$2,596
Fringe Benefits	\$16,381	\$0	\$0	\$16,381	Federal PI (Caspi) at 34.10% = \$4,497 CO-PI (Mankoff) at 26.10% = \$4,067 1 graduate student at \$17.30% = \$7,274 1 undergraduate research assistant at 20.90% = \$543
Travel	\$8,500	\$0	\$0	\$8,500	Federal 3 domestic trips annually for 3 days per trip to attend conferences in Washington DC area. Estimates per trip: Airfare - \$779.00 Ground Transportation - \$240.00 (\$60 x 4) Per Diem Lodging - \$753

					(\$251 x 3) Per Diem Meals - \$228 (\$76 x 3) (\$2,000 x 3) = \$6,000 1 foreign trip for 3 days to attend conference (location TBD). Estimates per trip: Airfare - \$1,060 Ground Transportation - \$240.00 (\$60 x 4) Per Diem Lodging - \$300 (\$300 x 1) Per Diem Meals - \$100 (\$100 x 1) (\$2,500 x 1) = \$2,500
Equipment	\$0	\$0	\$0	\$0	
Supplies	\$2,000	\$0	\$0	\$2,000	Materials for 3D printing = \$2,000 (less than 5% of total direct costs)
Contractual	\$0	\$0	\$0	\$0	
Other Direct Costs	\$35,002	\$0	\$0	\$35,002	Federal UW CSE computer recharge fees: \$551.42 per 3 project members per 4 quarters = \$6,617 Payments to study participants - \$50 x 100 = \$5,000 Tuition for 1 graduate student (3 academic quarters - \$19,956; 1 summer quarter - \$3,429) = \$23,385
Indirect Charges	\$62,111	\$0	\$0	\$62,111	Federal 55.5% of Modified Total Direct Costs (DHHS, July 21, 2017)
TOTAL	\$197,408	\$0	\$0	\$197,408	