

# SUMMARY PROPOSAL BUDGET YEAR 1

ORGANIZATION <b>Western Oregon University</b>				FOR NSF USE ONLY			
				PROPOSAL NO.	DURATION (months)		
PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR <b>Sarah M Boomer</b>				AWARD NO.	Proposed	Granted	
				A. SENIOR PERSONNEL: PI/PD, Co-PI's, Faculty and Other Senior Associates (List each separately with title, A.7. show number in brackets)			
	CAL	ACAD	SUMR				
1. <b>Sarah M Boomer - none</b>	0.00	0.00	0.00	\$ 0			
2.							
3.							
4.							
5.							
6. ( <b>0</b> ) OTHERS (LIST INDIVIDUALLY ON BUDGET JUSTIFICATION PAGE)	0.00	0.00	0.00		0		
7. ( <b>1</b> ) TOTAL SENIOR PERSONNEL (1 - 6)	0.00	0.00	0.00		0		
B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)							
1. ( <b>0</b> ) POST DOCTORAL ASSOCIATES	0.00	0.00	0.00		0		
2. ( <b>1</b> ) OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.)	1.00	1.00	1.00		22,000		
3. ( <b>0</b> ) GRADUATE STUDENTS					0		
4. ( <b>0</b> ) UNDERGRADUATE STUDENTS					0		
5. ( <b>0</b> ) SECRETARIAL - CLERICAL (IF CHARGED DIRECTLY)					0		
6. ( <b>0</b> ) OTHER					0		
TOTAL SALARIES AND WAGES (A + B)					22,000		
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS)					9,614		
TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A + B + C)					31,614		
D. EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.)							
<b>Fotodyne/Analyst Archiver Gel Imaging System</b>				\$	10,000		
<b>Perishable Molecular Biology Reagents</b>					7,000		
TOTAL EQUIPMENT					17,000		
E. TRAVEL							
1. DOMESTIC (INCL. CANADA, MEXICO AND U.S. POSSESSIONS)					500		
2. FOREIGN					0		
F. PARTICIPANT SUPPORT COSTS							
1. STIPENDS	\$	4,000					
2. TRAVEL		500					
3. SUBSISTENCE		0					
4. OTHER		0					
TOTAL NUMBER OF PARTICIPANTS ( <b>2</b> )				TOTAL PARTICIPANT COSTS		4,500	
G. OTHER DIRECT COSTS							
1. MATERIALS AND SUPPLIES					0		
2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION					300		
3. CONSULTANT SERVICES					0		
4. COMPUTER SERVICES					0		
5. SUBAWARDS					0		
6. OTHER					0		
TOTAL OTHER DIRECT COSTS					300		
H. TOTAL DIRECT COSTS (A THROUGH G)					53,914		
I. INDIRECT COSTS (F&A)(SPECIFY RATE AND BASE)							
<b>% of salary (Rate: 58.0000, Base: 22000)</b>							
TOTAL INDIRECT COSTS (F&A)					12,760		
J. TOTAL DIRECT AND INDIRECT COSTS (H + I)					66,674		
K. RESIDUAL FUNDS (IF FOR FURTHER SUPPORT OF CURRENT PROJECTS SEE GPG II.D.7.j.)					0		
L. AMOUNT OF THIS REQUEST (J) OR (J MINUS K)				\$	66,674	\$	
M. COST SHARING PROPOSED LEVEL \$ <b>0</b>				AGREED LEVEL IF DIFFERENT \$			
PI / PD TYPED NAME & SIGNATURE*			DATE	FOR NSF USE ONLY			
<b>Sarah M Boomer</b>				INDIRECT COST RATE VERIFICATION			
ORG. REP. TYPED NAME & SIGNATURE*			DATE	Date Checked	Date Of Rate Sheet	Initials - ORG	

# SUMMARY PROPOSAL BUDGET YEAR 2

ORGANIZATION <b>Western Oregon University</b>				FOR NSF USE ONLY			
				PROPOSAL NO.	DURATION (months)		
PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR <b>Sarah M Boomer</b>				AWARD NO.			
				Proposed	Granted		
A. SENIOR PERSONNEL: PI/PD, Co-PI's, Faculty and Other Senior Associates (List each separately with title, A.7. show number in brackets)				NSF Funded Person-mos.		Funds Requested By proposer	Funds granted by NSF (if different)
				CAL	ACAD	SUMR	
1. <b>Sarah M Boomer - none</b>				0.00	0.00	0.00	\$ 0 \$
2.							
3.							
4.							
5.							
6. ( 0 ) OTHERS (LIST INDIVIDUALLY ON BUDGET JUSTIFICATION PAGE)				0.00	0.00	0.00	0
7. ( 1 ) TOTAL SENIOR PERSONNEL (1 - 6)				0.00	0.00	0.00	0
B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)							
1. ( 0 ) POST DOCTORAL ASSOCIATES				0.00	0.00	0.00	0
2. ( 1 ) OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.)				1.00	1.00	1.00	22,000
3. ( 0 ) GRADUATE STUDENTS							0
4. ( 0 ) UNDERGRADUATE STUDENTS							0
5. ( 0 ) SECRETARIAL - CLERICAL (IF CHARGED DIRECTLY)							0
6. ( 0 ) OTHER							0
TOTAL SALARIES AND WAGES (A + B)							22,000
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS)							9,614
TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A + B + C)							31,614
D. EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.)							
<b>Perishable Molecular Reagents</b>				\$		7,000	
TOTAL EQUIPMENT							7,000
E. TRAVEL							
1. DOMESTIC (INCL. CANADA, MEXICO AND U.S. POSSESSIONS)							500
2. FOREIGN							0
F. PARTICIPANT SUPPORT COSTS							
1. STIPENDS \$ _____				4,000			
2. TRAVEL _____				500			
3. SUBSISTENCE _____				0			
4. OTHER _____				0			
TOTAL NUMBER OF PARTICIPANTS ( 2 )							
TOTAL PARTICIPANT COSTS							4,500
G. OTHER DIRECT COSTS							
1. MATERIALS AND SUPPLIES							0
2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION							0
3. CONSULTANT SERVICES							0
4. COMPUTER SERVICES							0
5. SUBAWARDS							0
6. OTHER							0
TOTAL OTHER DIRECT COSTS							0
H. TOTAL DIRECT COSTS (A THROUGH G)							43,614
I. INDIRECT COSTS (F&A)(SPECIFY RATE AND BASE)							
<b>% of salary (Rate: 59.0000, Base: 22000)</b>							
TOTAL INDIRECT COSTS (F&A)							12,980
J. TOTAL DIRECT AND INDIRECT COSTS (H + I)							56,594
K. RESIDUAL FUNDS (IF FOR FURTHER SUPPORT OF CURRENT PROJECTS SEE GPG II.D.7.j.)							0
L. AMOUNT OF THIS REQUEST (J) OR (J MINUS K)							\$ 56,594 \$
M. COST SHARING PROPOSED LEVEL \$				0	AGREED LEVEL IF DIFFERENT \$		
PI / PD TYPED NAME & SIGNATURE*			DATE	FOR NSF USE ONLY			
<b>Sarah M Boomer</b>				INDIRECT COST RATE VERIFICATION			
ORG. REP. TYPED NAME & SIGNATURE*			DATE	Date Checked	Date Of Rate Sheet	Initials - ORG	

## SUMMARY PROPOSAL BUDGET COMMENTS - Year 2

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**\*\* D- Equipment**

**\*\* E- Travel**

**Covers thesis student expenses for meetings**

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# SUMMARY PROPOSAL BUDGET YEAR 3

ORGANIZATION <b>Western Oregon University</b>				FOR NSF USE ONLY			
				PROPOSAL NO.	DURATION (months)		
PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR <b>Sarah M Boomer</b>				AWARD NO.	Proposed	Granted	
A. SENIOR PERSONNEL: PI/PD, Co-PI's, Faculty and Other Senior Associates (List each separately with title, A.7. show number in brackets)				NSF Funded Person-mos.		Funds Requested By proposer	Funds granted by NSF (if different)
	CAL	ACAD	SUMR				
1. <b>Sarah M Boomer - none</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	\$	<b>0</b>	\$	
2.							
3.							
4.							
5.							
6. ( <b>0</b> ) OTHERS (LIST INDIVIDUALLY ON BUDGET JUSTIFICATION PAGE)	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>		<b>0</b>		
7. ( <b>1</b> ) TOTAL SENIOR PERSONNEL (1 - 6)	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>		<b>0</b>		
B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)							
1. ( <b>0</b> ) POST DOCTORAL ASSOCIATES	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>		<b>0</b>		
2. ( <b>1</b> ) OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.)	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>		<b>22,000</b>		
3. ( <b>0</b> ) GRADUATE STUDENTS					<b>0</b>		
4. ( <b>0</b> ) UNDERGRADUATE STUDENTS					<b>0</b>		
5. ( <b>0</b> ) SECRETARIAL - CLERICAL (IF CHARGED DIRECTLY)					<b>0</b>		
6. ( <b>0</b> ) OTHER					<b>0</b>		
TOTAL SALARIES AND WAGES (A + B)					<b>22,000</b>		
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS)							
TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A + B + C)					<b>9,614</b>		
D. EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.)							
<b>Perishable Molecular Biology Reagents</b>				<b>\$ 7,000</b>			
TOTAL EQUIPMENT					<b>7,000</b>		
E. TRAVEL							
1. DOMESTIC (INCL. CANADA, MEXICO AND U.S. POSSESSIONS)					<b>500</b>		
2. FOREIGN					<b>0</b>		
F. PARTICIPANT SUPPORT COSTS							
1. STIPENDS \$ _____					<b>4,000</b>		
2. TRAVEL _____					<b>500</b>		
3. SUBSISTENCE _____					<b>0</b>		
4. OTHER _____					<b>0</b>		
TOTAL NUMBER OF PARTICIPANTS ( <b>2</b> )							
TOTAL PARTICIPANT COSTS					<b>4,500</b>		
G. OTHER DIRECT COSTS							
1. MATERIALS AND SUPPLIES					<b>0</b>		
2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION					<b>300</b>		
3. CONSULTANT SERVICES					<b>0</b>		
4. COMPUTER SERVICES					<b>0</b>		
5. SUBAWARDS					<b>0</b>		
6. OTHER					<b>0</b>		
TOTAL OTHER DIRECT COSTS					<b>300</b>		
H. TOTAL DIRECT COSTS (A THROUGH G)					<b>43,914</b>		
I. INDIRECT COSTS (F&A)(SPECIFY RATE AND BASE)							
<b>% of salary (Rate: 59.0000, Base: 22000)</b>							
TOTAL INDIRECT COSTS (F&A)					<b>12,980</b>		
J. TOTAL DIRECT AND INDIRECT COSTS (H + I)					<b>56,894</b>		
K. RESIDUAL FUNDS (IF FOR FURTHER SUPPORT OF CURRENT PROJECTS SEE GPG II.D.7.j.)							
					<b>0</b>		
L. AMOUNT OF THIS REQUEST (J) OR (J MINUS K)							
					<b>\$ 56,894</b>	\$	
M. COST SHARING PROPOSED LEVEL \$ <b>0</b> AGREED LEVEL IF DIFFERENT \$							
PI / PD TYPED NAME & SIGNATURE*			DATE		FOR NSF USE ONLY		
<b>Sarah M Boomer</b>					INDIRECT COST RATE VERIFICATION		
ORG. REP. TYPED NAME & SIGNATURE*			DATE		Date Checked	Initials - ORG	

# SUMMARY PROPOSAL BUDGET Cumulative

ORGANIZATION <b>Western Oregon University</b>				FOR NSF USE ONLY			
				PROPOSAL NO.	DURATION (months)		
PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR <b>Sarah M Boomer</b>				AWARD NO.	Proposed	Granted	
A. SENIOR PERSONNEL: PI/PD, Co-PI's, Faculty and Other Senior Associates (List each separately with title, A.7. show number in brackets)				NSF Funded Person-mos.		Funds Requested By proposer	Funds granted by NSF (if different)
		CAL	ACAD	SUMR			
1.	<b>Sarah M Boomer - none</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	\$ <b>0</b>	\$	
2.							
3.							
4.							
5.							
6.	( ) OTHERS (LIST INDIVIDUALLY ON BUDGET JUSTIFICATION PAGE)	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>		
7.	( <b>1</b> ) TOTAL SENIOR PERSONNEL (1 - 6)	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>		
B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)							
1.	( <b>0</b> ) POST DOCTORAL ASSOCIATES	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>		
2.	( <b>3</b> ) OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.)	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>66,000</b>		
3.	( <b>0</b> ) GRADUATE STUDENTS				<b>0</b>		
4.	( <b>0</b> ) UNDERGRADUATE STUDENTS				<b>0</b>		
5.	( <b>0</b> ) SECRETARIAL - CLERICAL (IF CHARGED DIRECTLY)				<b>0</b>		
6.	( <b>0</b> ) OTHER				<b>0</b>		
TOTAL SALARIES AND WAGES (A + B)					<b>66,000</b>		
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS)					<b>28,842</b>		
TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A + B + C)					<b>94,842</b>		
D. EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.)							
			<b>\$ 31,000</b>				
TOTAL EQUIPMENT					<b>31,000</b>		
E. TRAVEL					<b>1,500</b>		
	1. DOMESTIC (INCL. CANADA, MEXICO AND U.S. POSSESSIONS)				<b>1,500</b>		
	2. FOREIGN				<b>0</b>		
F. PARTICIPANT SUPPORT COSTS							
1.	STIPENDS \$ <u>          <b>12,000</b></u>						
2.	TRAVEL <u>          <b>1,500</b></u>						
3.	SUBSISTENCE <u>          <b>0</b></u>						
4.	OTHER <u>          <b>0</b></u>						
TOTAL NUMBER OF PARTICIPANTS ( <b>6</b> )				TOTAL PARTICIPANT COSTS	<b>13,500</b>		
G. OTHER DIRECT COSTS							
1.	MATERIALS AND SUPPLIES				<b>0</b>		
2.	PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION				<b>600</b>		
3.	CONSULTANT SERVICES				<b>0</b>		
4.	COMPUTER SERVICES				<b>0</b>		
5.	SUBAWARDS				<b>0</b>		
6.	OTHER				<b>0</b>		
TOTAL OTHER DIRECT COSTS					<b>600</b>		
H. TOTAL DIRECT COSTS (A THROUGH G)					<b>141,442</b>		
I. INDIRECT COSTS (F&A)(SPECIFY RATE AND BASE)							
TOTAL INDIRECT COSTS (F&A)					<b>38,720</b>		
J. TOTAL DIRECT AND INDIRECT COSTS (H + I)					<b>180,162</b>		
K. RESIDUAL FUNDS (IF FOR FURTHER SUPPORT OF CURRENT PROJECTS SEE GPG II.D.7.j.)					<b>0</b>		
L. AMOUNT OF THIS REQUEST (J) OR (J MINUS K)					\$ <b>180,162</b>	\$	
M. COST SHARING PROPOSED LEVEL \$ <b>0</b>				AGREED LEVEL IF DIFFERENT \$			
PI / PD TYPED NAME & SIGNATURE*			DATE	FOR NSF USE ONLY			
<b>Sarah M Boomer</b>				INDIRECT COST RATE VERIFICATION			
ORG. REP. TYPED NAME & SIGNATURE*			DATE	Date Checked	Date Of Rate Sheet	Initials - ORG	

## Budget Justification Page

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**Budget Justification written as last portion of the Project Description. Please see pp. 11-12. Thank you.**

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