

# Biosimilarity's Budget justification

## Salaries at Biosimilarity LLC

Thirty five percent (35%) of the Co-PI's and (50%) of a Biosimilarity staff member time over the 36 month period will be dedicated to the tasks listed below:

### *Theoretical efforts*

- Spatial logic to Xquery translation: Proof of correctness
- Translation of other knot invariants: Kauffman bracket
- Generalization of knot encoding to links: Expansion of 'liveness' proof method

### *Development and deployment efforts*

- setting up and maintaining: hardware; software development environment; open source project; search service;
- developing the extensions to the Biosimilarity server code base to support the search service functionality;
- developing and maintaining the search service documentation;
- working with students in Dr. Snyder's group;

<i>Item</i>	<i>Quantity</i>	<i>Cost / anum 12</i>
<b><i>Partner</i></b>	35%	61250.00
<b><i>Member of staff</i></b>	50%	22194.00

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1 Adjusted upward by 7% each year.

2 Biosimilarity staffing overhead is proprietary and confidential.

<b>Total</b>	83444.00
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## Equipment (Knot2PiServer) at Biosimilarity LLC

Biosimilarity LLC staff will need development machines

<b>Item</b>	<b>Quantity</b>	<b>Item cost</b>	<b>Cost</b>
<b>MacBook Pro – Intel Core Duo</b>	2	\$3,278.00	\$6,556.00
<b>Part Number: Z0DF</b>		USD	USD
<b>AirPort Extreme Card &amp; Bluetooth</b>			
<b>2GB 667 DDR2 – 2x1GB SO-DIMMs</b>			
<b>iWork '06 preinstalled</b>			
<b>Backlit Keyboard/Mac OS – U.S.</b>			
<b>English</b>			
<b>2.16GHz Intel Core Duo</b>			
<b>100GB Serial ATA drive @ 7200</b>			
<b>rpm</b>			
<b>SuperDrive (DVD±RW/CD-RW)</b>			
<b>Shipping and handling</b>			110.00 USD
<b>Tax</b>			533.28 USD
<b>Total</b>			\$7199.28
			USD

## Travel

Co-PI

- Three visits to Dr. Snyder’s group at Texas State University – San Marcos: July, January and June
- international conferences (*CONCUR*, *ETAPS*, and/or ICM) with co-PI
- Domestic conference at the national level in years 2 and 3: Biosimilarity member of staff (in years 2 and 3); Co-PI: Joint Mathematics Meeting or SIAM

<b>Item</b>	<b>Quantity</b>	<b>Item cost</b>	<b>Cost / anum</b>
<b>Visit to San Marcos travel</b>	3	500.00 USD	1500.00 USD
<b>lodging</b>		120.00 USD	360.00 USD
<b>International conference travel</b>	2	800.00 USD	1600.00 USD
<b>lodging</b>		150.00 USD	300.00 USD
<b>conference fees</b>		500.00 USD	1000.00 USD
<b>Domestic conference travel</b>	2	500.00 USD	1000.00 USD
<b>lodging</b>		120.00 USD	240.00 USD
<b>conference fees</b>		500.00	1000.00 USD
<b>Total</b>			7,000.00 USD

Summary of total ask:

<b>Item</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>
<b>Staff (including overhead)</b>	83444.00 USD	89285.00 USD	96535.00 USD
<b>Travel</b>	7,000.00 USD	7,000.00 USD	7,000.00 USD
<b>Equipment</b>	\$7199.28 USD		
<b>Total</b>	97643.28 USD	96285.0 USD	103535.00 USD