

May 31<sup>st</sup>, 2011

Dr. Anne Kwitek  
3111-B MERF  
Iowa City, IA 52242

Re: Progress Report – VCMaP Project Phase 3

Dr. Kwitek,

I would like to provide you with a detailed progress report as we enter the implementation phase of the VCMaP 3.0 development. As per discussion in April at our face-to-face meeting, we have begun to design the features for VCMaP 3.0 as well as identifying and fixing outstanding bug reports to make sure that the software is sufficiently stable at the conclusion of this phase of development.

Because this is the first progress report for this project, I have also defined a new set of milestones and expected completion dates for your review. These are estimates and final completion of features may not exactly match what is presented in this list.

This report is not a bill, it is simply a letter for your own personal information. I am sending you this letter prior to submitting an invoice to the Purchasing Department so that you are aware of all upcoming expenses for this project. I have included a list of all of the milestones we have completed for Phase 3 of this project (including any unexpected tasks), along with the final invoice date and amount. Don't hesitate to contact me with any questions or concerns.

Sincerely,



Steven Davis

## Progress Report

### VCMAP3 Project

Name	% Complete	Total Cost	Expected Invoice
<b>VCMAP 3.0 planning meeting</b> <ul style="list-style-type: none"> <li>Travel and discussion at Iowa State University</li> </ul>	100%	\$1,000	\$1000 5/31/11
<b>Specifications and Design</b> Completed: <ul style="list-style-type: none"> <li>Functional Specifications Document</li> </ul>	100%	\$2,500	\$2500 5/31/11
<b>Publication Quality Image Output</b> Completed: <ul style="list-style-type: none"> <li>Add improved resolution output</li> <li>Allow watermark resizing</li> <li>Add crop and resizing</li> </ul> In progress: <ul style="list-style-type: none"> <li>Allow limiting output to selected features</li> </ul>	80%	\$2,500	\$2000 5/31/11
<b>Autoload on Launch</b> Future tasks: <ul style="list-style-type: none"> <li>Add parameters for loading data automatically</li> <li>Write a dynamic JNLP generator</li> <li>Work with IA State to create links on animalgenome.org and elsewhere</li> </ul>	0%	\$5,000	N / A
<b>Back-end Improvements</b> Future tasks: <ul style="list-style-type: none"> <li>Add Horse data (Equus Callabus)</li> <li>Load GO terms for all features</li> <li>Restructure Database</li> <li>General Improvements</li> </ul>	0%	\$7,500	N / A
<b>Feature Filter</b> Future tasks: <ul style="list-style-type: none"> <li>Dialog to filter features based on GO terms</li> </ul>	0%	\$2,000	N / A
<b>Load Custom Data</b> <ul style="list-style-type: none"> <li>Loading custom data in VCF format</li> <li>Improve performance to handle large datasets including next-gen sequencing and SNPs</li> </ul>	0%	\$1,500	N / A

Amount invoiced to date:	<b>\$0</b>
Current Invoices:	<b>\$5,500</b>
<u>Remainder of project budget:</u>	<b>\$16,500</b>
<b>Total</b>	<b>\$22,000</b>
<u>Buffer for unexpected costs</u>	<b>\$2,000</b>
<b>Total PO</b>	<b>\$24,000</b>