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photo by Golnaz Sadjadi

▼ Be free to edit for style and length if you're using this as an introduction before a talk or workshop. Shorter is better.

I present clearly, connect broadly, spark imagination and encourage enthusiasm for inquiry and explanation. I create visuals with analytical clarity and artistic dimensions.

In 1999 I built the Genome Sciences Center's<sup>2</sup> computing systems, and later invented port knocking<sup>3</sup>, and optimized keyboard layouts<sup>4</sup> that spawned a Brazilian fashion line<sup>5</sup>. I have an affinity for parody<sup>6</sup> and tragedy<sup>7</sup>. I love rabbit holes<sup>8</sup>.

I created Circos<sup>9</sup> (a community standard) and hive plots<sup>10</sup> (a farewell to hairballs). I am triggered by pie charts<sup>11</sup> and slipshod data visualization<sup>12</sup>.

My information graphics have appeared in the New York Times<sup>13</sup>, Wired<sup>14</sup>, and Scientific American<sup>15</sup> as well as on covers of books and scientific journals<sup>16</sup> such as Science, Nature and PNAS.

I am a co-author of the Nature Methods Points of Significance<sup>17</sup> and Points of View<sup>18</sup> columns. I teach how to design scientific figures<sup>19</sup> and scientific posters<sup>20</sup>.

My method is critique by redesign<sup>21</sup>.

I've made maps of nothing<sup>22</sup>, shot fashion photography<sup>23</sup>, and found poems in spam<sup>24</sup>. Every year I make Pi Day art<sup>25</sup>. I have told musical stories about digits of  $\pi$ <sup>26</sup>, and videos of infinity<sup>27</sup> and higher dimensions<sup>28</sup>. I love typography<sup>29</sup> and run Hitchmas<sup>30</sup>.

I am a former owner of Alex<sup>31</sup>, the world's most popular rat.

<sup>1</sup> [bcgsc.ca](http://bcgsc.ca) <sup>2</sup> [linuxjournal.com/article/6977](http://linuxjournal.com/article/6977) <sup>3</sup> [linuxjournal.com/article/6811](http://linuxjournal.com/article/6811) <sup>4</sup> [mk.bcgsc.ca/carpalx](http://mk.bcgsc.ca/carpalx)  
<sup>5</sup> [fashionnotebook.wordpress.com/2011/01/04/julia-valle-tnwmlc](http://fashionnotebook.wordpress.com/2011/01/04/julia-valle-tnwmlc) <sup>6</sup> [mk.bcgsc.ca/dummer](http://mk.bcgsc.ca/dummer) <sup>7</sup> [mk.bcgsc.ca/outbreak](http://mk.bcgsc.ca/outbreak)  
<sup>8</sup> [mk.bcgsc.ca/google-maps-challenge](http://mk.bcgsc.ca/google-maps-challenge) <sup>9</sup> [circos.ca](http://circos.ca) <sup>10</sup> [hiveplot.com](http://hiveplot.com) <sup>11</sup> [mk.bcgsc.ca/pie-charts](http://mk.bcgsc.ca/pie-charts) <sup>12</sup> [mk.bcgsc.ca/obesity](http://mk.bcgsc.ca/obesity)  
<sup>13</sup> [mk.bcgsc.ca/nyt/nyt-mapping-the-epigenome.png](http://mk.bcgsc.ca/nyt/nyt-mapping-the-epigenome.png) <sup>14</sup> [www.circos.ca/img/news/circos-wired-spread.jpg](http://www.circos.ca/img/news/circos-wired-spread.jpg)  
<sup>15</sup> [mk.bcgsc.ca/scientific-american-graphic-science](http://mk.bcgsc.ca/scientific-american-graphic-science) <sup>16</sup> [mk.bcgsc.ca/covers](http://mk.bcgsc.ca/covers) <sup>17</sup> [mk.bcgsc.ca/points-of-significance](http://mk.bcgsc.ca/points-of-significance)  
<sup>18</sup> [mk.bcgsc.ca/points-of-view](http://mk.bcgsc.ca/points-of-view) <sup>19</sup> [mk.bcgsc.ca/graphical-abstract-design](http://mk.bcgsc.ca/graphical-abstract-design) <sup>20</sup> [mk.bcgsc.ca/poster-design](http://mk.bcgsc.ca/poster-design)  
<sup>21</sup> [mk.bcgsc.ca/the-covid-charts](http://mk.bcgsc.ca/the-covid-charts) <sup>22</sup> [mk.bcgsc.ca/universe-superclusters-and-voids](http://mk.bcgsc.ca/universe-superclusters-and-voids) <sup>23</sup> [lumondo.com](http://lumondo.com)  
<sup>24</sup> [mk.bcgsc.ca/eespammings](http://mk.bcgsc.ca/eespammings) <sup>25</sup> [mk.bcgsc.ca/pi](http://mk.bcgsc.ca/pi) <sup>26</sup> <https://mk.bcgsc.ca/pi/piday2023> <sup>27</sup> [mk.bcgsc.ca/infinity](http://mk.bcgsc.ca/infinity)  
<sup>28</sup> [mk.bcgsc.ca/max-cooper-ascent](http://mk.bcgsc.ca/max-cooper-ascent) <sup>29</sup> [mk.bcgsc.ca/typography](http://mk.bcgsc.ca/typography) <sup>30</sup> [hitchmas.com](http://hitchmas.com) <sup>31</sup> [mk.bcgsc.ca/raton3700](http://mk.bcgsc.ca/raton3700)