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## 圖示的博士學位指南

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每年秋天，我都會向新一批博士講解。學生是什麼博士 是。

用語言很難描述它。

因此，我使用圖片。

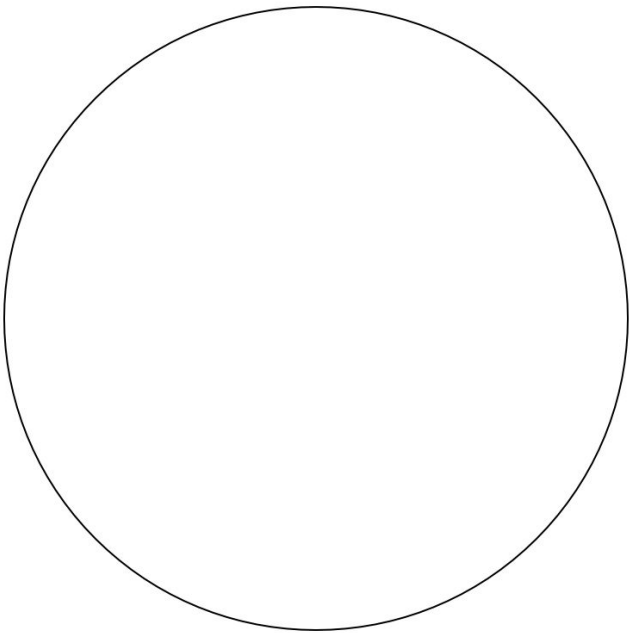
閱讀以下內容以獲取博士學位的插圖指南。

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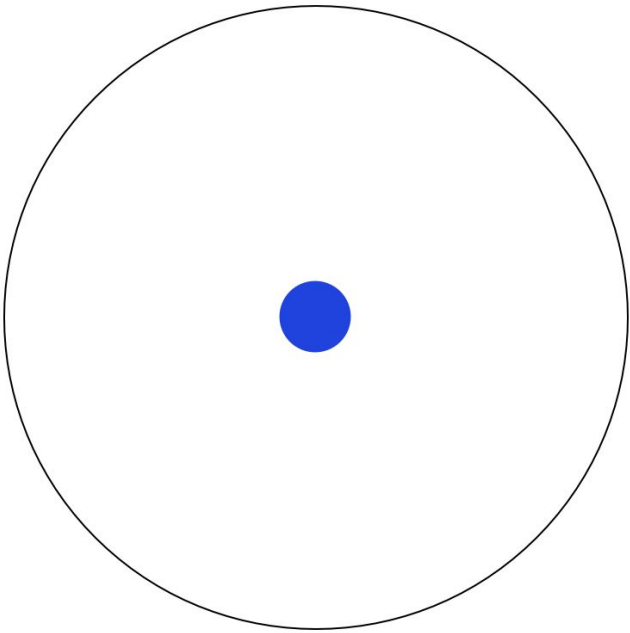
更新：[印刷版](#)，[幻燈片和翻譯](#)，[CC許可條款](#)。

更新：五年後，我寫了一篇後續文章- [如何：獲得任期](#)。

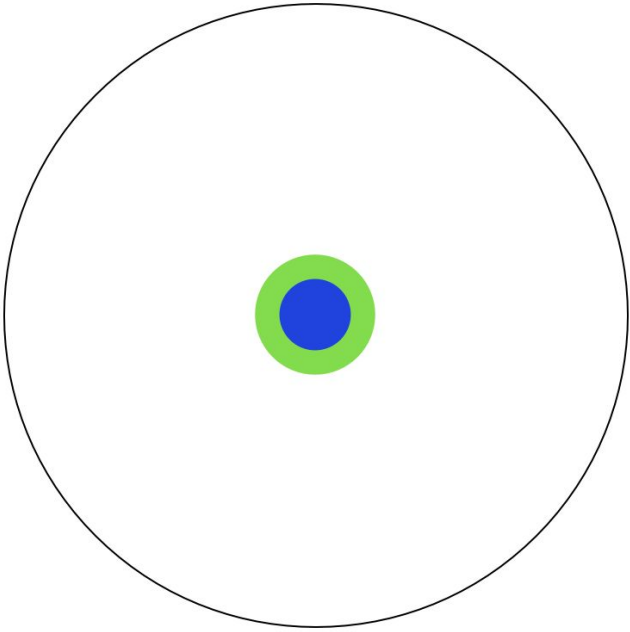
想像一個包含所有人類知識的圈子：



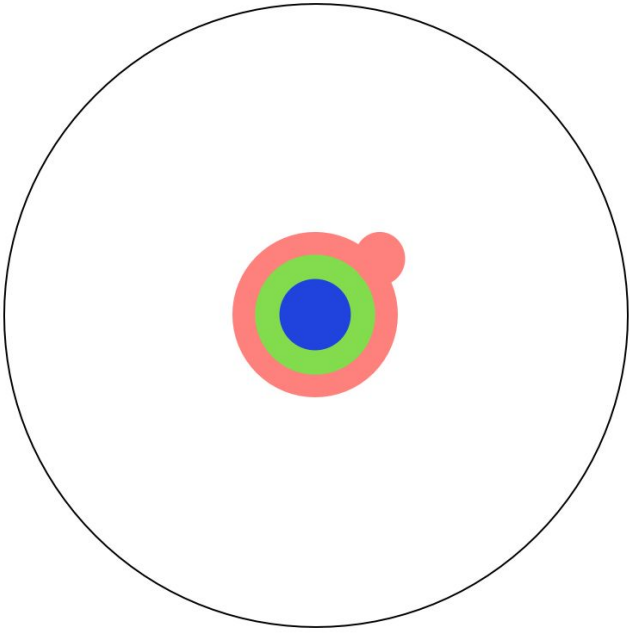
當您完成小學學習時，您已經知道一些：



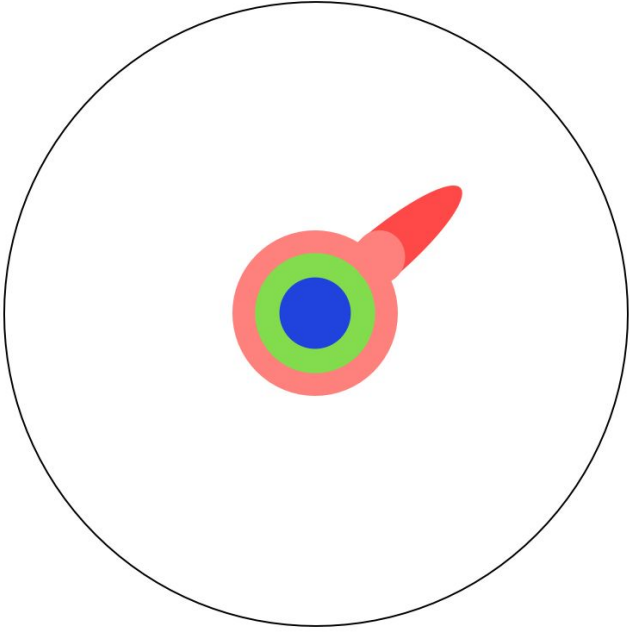
當您讀完高中時，您會了解更多：



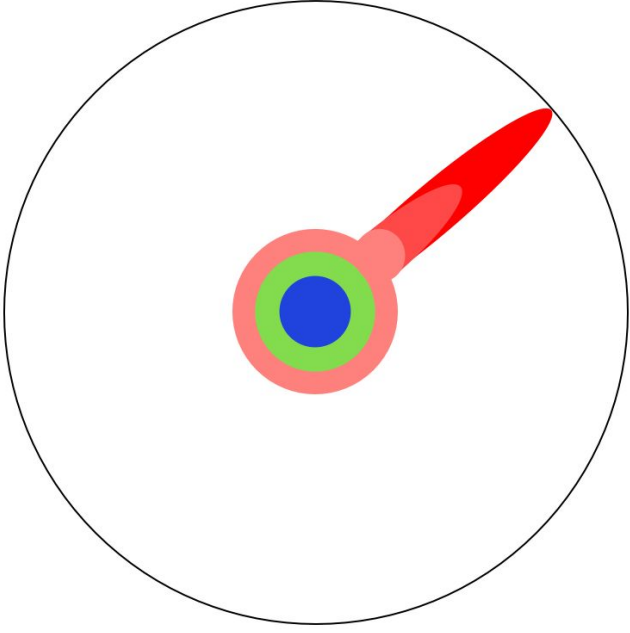
擁有學士學位，您將獲得以下專業：



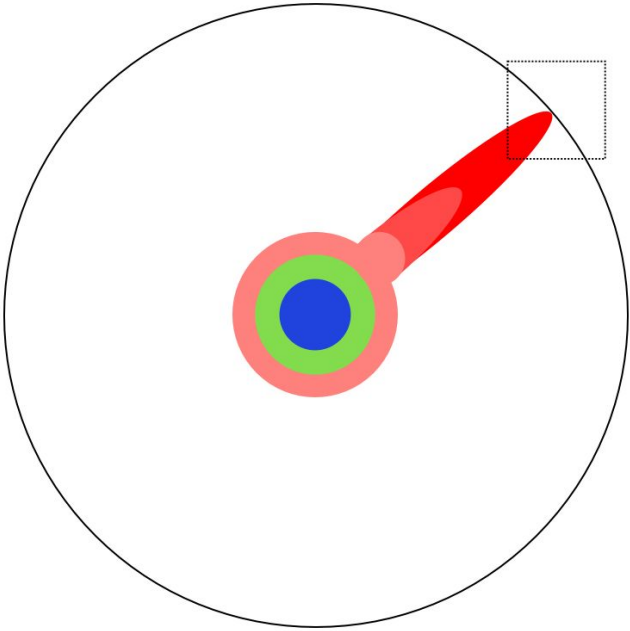
碩士學位加深了該專業：



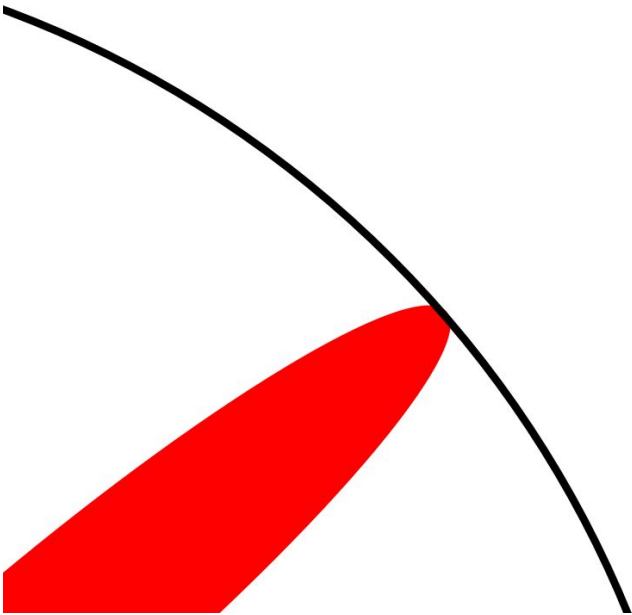
閱讀研究論文將帶您進入人類知識的邊緣：



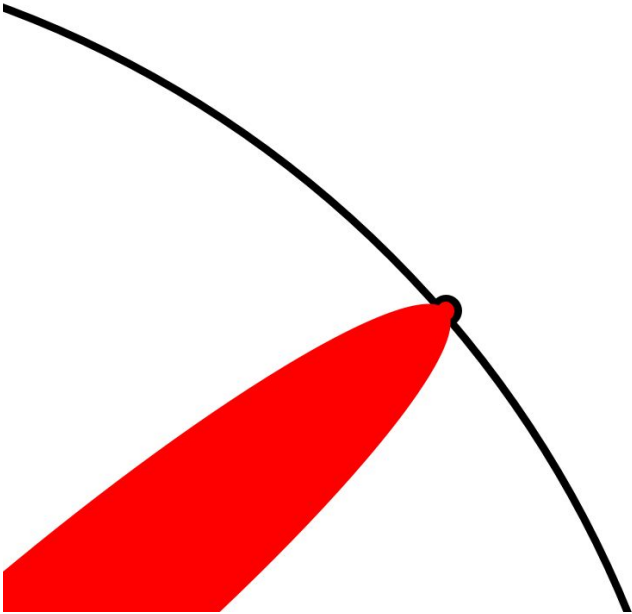
一旦到達邊界，您就可以集中精力：



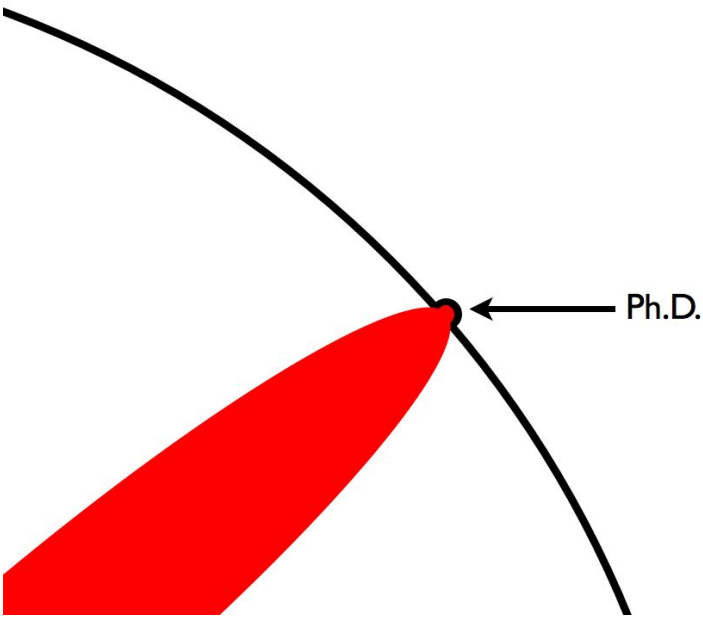
您將邊界推了幾年：



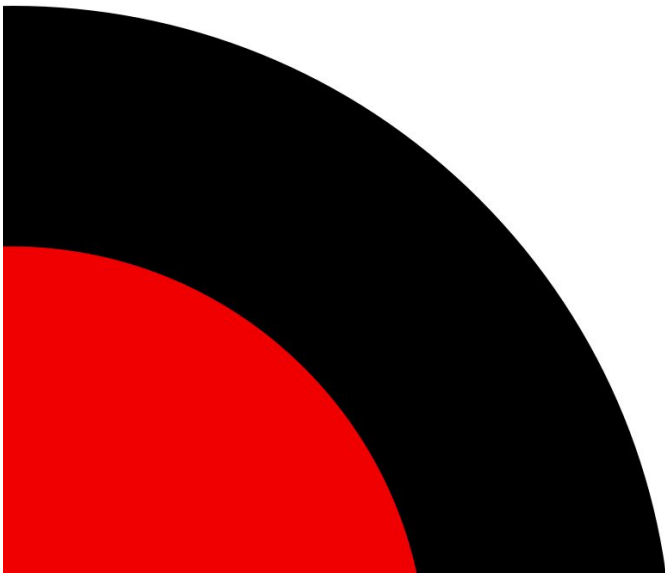
直到一天，邊界讓位於：



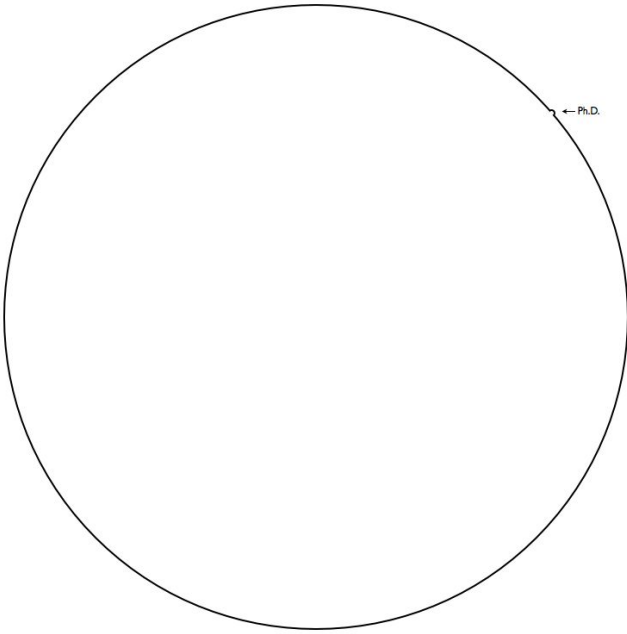
而且，您所產生的凹痕被稱為博士學位：



當然，您現在的世界看起來有所不同：



因此，不要忘記更大的圖景：



繼續推。

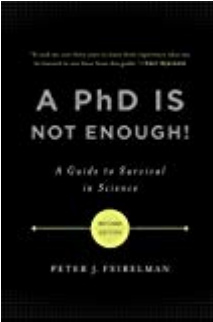
下面還有更多內容，但是在圖示指南發布五年後，我還寫了一篇後續文章，可能會很有趣-[HOWTO：獲得終身職位](#)。

### 相關文章

- [如何：獲得任期。](#)
- [推薦給研究生的讀物。](#)
- [每個CS專業都應該知道些什麼。](#)
- [如何進入研究生院。](#)
- [論文提案諮詢。](#)

- [學者的生產力提示](#)。
- [學術求職諮詢](#)。
- [成功博士 學生：堅韌，堅韌和能幹](#)。
- [CRAPL：學術人員的開源許可證](#)。
- [您的問題的形狀](#)。

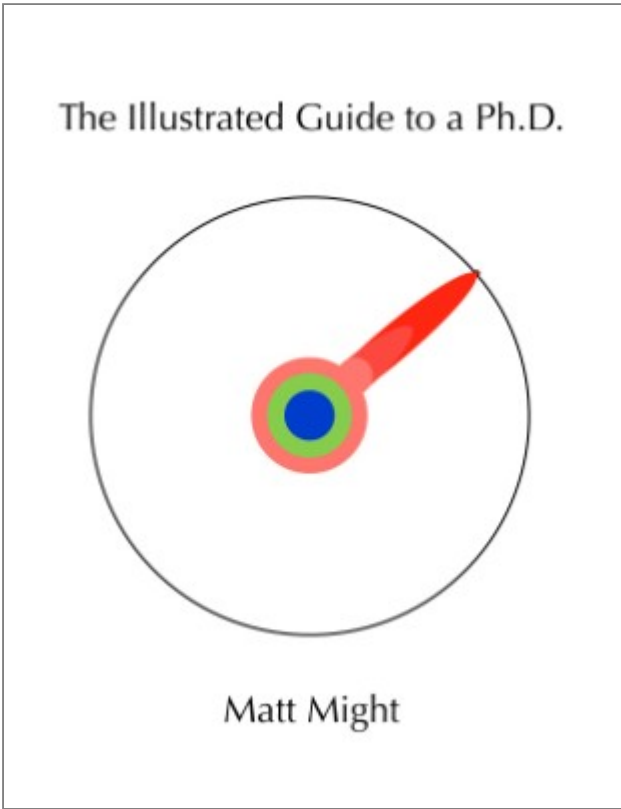
如果您喜歡這些職位，那麼我建議您讀一本書《 [A PhD Is Not不足](#) 》：



## Get it in print; fund students; save lives

By request, a print version of *The Illustrated Guide to a Ph.D.* is on sale.

[Click here to preview or buy it.](#)



~~Any and all proceeds will fund graduate students whose work may impact the discovery, diagnosis or treatment of genetic disorders.~~

Any and all proceeds will fund graduate students (and postdocs) doing work in biology that may impact treatment of diseases of cellular metabolism.

**Update:** If you're interested in [being that postdoc](#), get in touch with me!

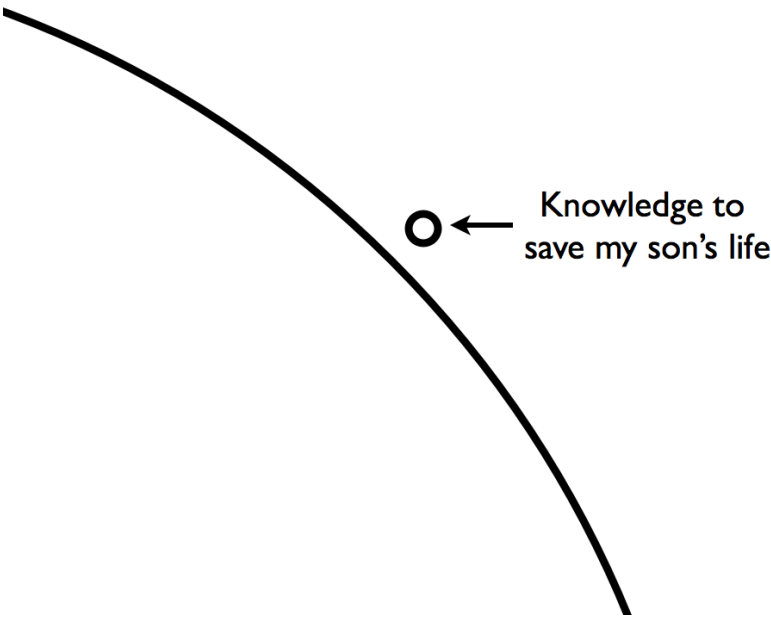
It is available at [\\$6.50](#) thanks to Hewlett-Packard's high-quality on-demand publishing service, MagCloud.

It's sixteen pages, saddle-stitch bound and in full color.

It's a good gift for new students, the recently defended and relatives thereof.

### Why biology?

If you zoom in on the boundary of human knowledge in the direction of genetics, there's something just outside humanity's reach:



My wife and I chose to start funding these graduate students after we learned that [our son](#) has a rare, fatal genetic disorder.

It may be too late for my son, but it's not too late for other children.

Even one child suffering is one child too many.

The only way to end this kind of suffering is science.

And, the best way to do science is through graduate students.

**Update:** *When I first wrote this post, my son's specific disorder was unknown. Thanks to a scientific advance made in genetic diagnostics--specifically exome sequencing--we were able to isolate the mutations in my son's genome and determine that he is the very first documented case of a new disease: N-glycanase deficiency.*

*One small dent in the circle of knowledge; one giant leap for my son.*

*You can read the full story in a new post: [Hunting down my son's killer](#).*

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If it helps, here's the corresponding HTML, which you can modify to suit your site's needs:

```
<a href="http://matt.might.net/">Matt Might</a>, a professor in  
<a href="http://www.cs.utah.edu/">Computer Science</a>
```

at the [University of Utah](http://www.utah.edu/), created [The Illustrated Guide to a Ph.D.](http://matt.might.net/articles/phd-school-in-pictures/) to explain what a Ph.D. is to new and aspiring graduate students.

[Matt has licensed the guide for sharing with [special terms under the Creative Commons license](http://matt.might.net/articles/phd-school-in-pictures/#license).]

And, of course, thank you for sharing!

## Resources

Please let me know if you translate this post into another language.

- [A slideshow version in PDF.](#)
- [French translation](#) (by [Sara Mathieu-C.](#))
- [Urdu translation](#) (by [Adnan Masood](#))
- [Japanese translation](#) (by [Kimikazu Kato](#))
- [UK English "translation"](#) (as interpreted by [Gabriel Egan](#))
- [Brazilian Portuguese translation](#) (by [Kleber Jacinto](#))
- [Turkish translation](#) (by [Y.Ercan Payidar](#))
- [Spanish translation](#) (by [Ismael Peña-López](#))
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- [Indonesian translation](#) (by [Robin Malau](#))
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- [Vietnamese translation.](#)
- [Polish translation.](#)
- [Dutch translation.](#)
- [Ukranian translation.](#)
- [Hebrew translation](#) (by [Regev Elya](#)).
- [Belarussian translation.](#)
- [Catalan translation](#) by [Sebas Mas](#).
- [Finnish translation](#) by [Joutsiniemi Anssi](#).
- [Basque Translation](#) by [Jesus Romo](#).

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