

#### Writing the Introduction

Dr. Proadpran Punyabukkana

### Agenda

- Presentation on your literature review
- Swap the works for editing suggestions
  - Writing the Introduction
- Some guidelines
- Online courses

### Three

# Overarching Goals of a Good Introduction

- summary of previous works on the subject to give a better To make sure you provide a clear and understandable understanding of the problem;
- To explain why your own research fills in the gaps in literature and adds insufficient details to the topic; ς.
- To note all sorts of contributions (including policy, theoretical and empirical ones) of the research. ന

## Convince the reader

that your research is needed and Valid

### A goooooood introduction

must include motivation + research question/thesis statement + contribution.

#### In addition...

- Lead the reader from a generalized topic to a particular aspect
  - Establish the main idea
- Identify the context or scope
- Provide the particular goal of the work
- Point out research importance or research gap
- State the contribution

By the end of your introduction, the reader must know what you are trying to achieve.

#### **Optional**

- May summarize background data on the topic
- May contain background knowledge and brief methodology May describe how the rest of your thesis will be organized

#### Context The problem you are addressing Your position / thesis statement Broad question or issue with some context Introduction Your answer to the problem Main points Overview of argument

Photo: https://www.manash.edu/flo/research-writing-assignments/æsignment-types/writing-an-essay/writing-the-introduction

## The CONTENT of an INTRODUCTION

- Be logical
- Good flow helps the reader follow your work easier. Nothing must come as a surprise to the reader.
- Be concise
- Strong introduction contains key ideas only in few sentences straight to the point. The whole story is outlined in the introduction. The detail will be in the body section.
- Be formal
- Academic writing demands formal writing style.
- Be credible
- Review previous studies and support your arguments throughout.

### Example

# How has the music industry been affected by the internet and digital downloading?

studies that reveal the business side of music industry far from a positive side. This research paper will define whether the worldwide famous bands like Radiohead and IAMX gain profit from the internet and use it as a primary source to show the audience their creation. On the other hand, many artists find digital era harmful and destructive for their creativity because culture of digital music consumption must be changed because the creations of musicians become worthless due to an there are many sites that offer their product for free, giving no profit to the creator. Currently, there are more and more The musical marketing turns to be digital according to demands of current online epoche. Such underground, but activity of web pirates and because people have stopped valuing music according to its merit.

- First sentences hook readers
- The mid part of the introduction prove the reason of the research.
- The thesis statement puts debatable argument that needs further analysis and right solution.

### Hook sentence

- Statistics or facts
  A literary quote
  A rhetorical question
  Simile or metaphor
  Allegory
  Anecdote or joke
  Quote of a famous person

# Questions Should Have Complex Answers

- Bad: Does owning a pet improve quality of life for older people?
- Good: In what ways does owning a pet improve quality of life for older people?

# **Good Research Questions Need Focus**

- Bad: Does medication help alleviate attention deficit hyperactivity disorder (ADHD) symptoms? And do kids need more
- Good: How effective are the various types of medication in treating elementary students with ADHD?

## You Can Answer a Good Question

- Bad: Is there a higher power in the universe?
- Good: What factors affect people's belief in a higher power?

# Good Questions Don't Ask for Opinions

- Bad: Which national park is the bes?
- Good: What features do the most popular national parks have in common?

### **Questions Should Be Specific**

- Bad: How do artificial sweeteners affect people?
- Good: How does aspartame affect post-menopausal women who suffer from migraines?

# Good Research Questions Are Original

- Bad: What are the advantages and disadvantages of cell phone use in schools?
- Good: How does restricting cell phone use in school affect student social interaction?

## A Good Question Doesn't Ask Why

- Bad: Why do some corporations pollute the water if they aren't regulated?
- Good: How do government regulations prevent corporations from polluting the water?

## **Great Questions Need Research**

- Bad: Has the population of the world increased in the past century?
- Good: What factors have influenced population growth in the fastest growing countries?

## Example of "Research Statement"

Wrong way: "Downloading music from internet is bad and we must fight it."

It leaves too many questions to answer. And this statement is a way too objective, it does not reflect the controversy of your topic. The truth is that there are no absolutely good or totally bad phenomenon. And your thesis statement must show the reality.

**Right way:** "The culture of digital music consumption must be changed because the creations of musicians become worthless due to activity of web pirates and people stop valuing music according to its merit

In this example of thesis, I've narrowed my argument to consequences of digital music download on culture of music consumption. I've also focused on the fact that main harm for music industry present web pirates. It induces readers to assume that I will argue against them in the main body. To checkif you have created a debatable thesis statement for the research paper, you must figure out whether it is debatable. It means that you must make reader argue either for

Wrong way: "The music industry has changed because of era of the internet.

It is a statement, but not a thesis statement. It is a general truth. There is no point to argue with that fact. You can narrate about that, but not argue and make research to provide proper evidence to prove your point.

Right way: "Free music download sites must become commercial because recording a music is a full-time job of musicians and every work

Now it is debatable. Opponents can argue that product that music product is not principal way to earn money for musicians, and internet is a the most effective way to promote their creation and lure audience to visit their concerts, what is a real way to earn money.

example we can easily see that the writer is against free music download because it affects negatively on the work of music industry and he is going to prove why in the main Avoid puzzlement. It means that you must not overdo with previous two thesis statement tips. It must be focused and debatable and should also show your side. In the latter

https://edusson.com/blog/research-paper-introduction-example

### The famous first words

- The current study investigates the relationship between . . .
- The focus of this study will be on ...
- The main purpose of this study is ..
- The objective of this research is to determine ...
- The present study is designed to examine
- The primary goal of this study is . . .
- The primary concern of this research is . . .
- The principal objective of this study is ..
- The purpose of this study is to address the problem of ...
- The purpose of the present study is ...
- The purpose of this study is to advance understanding of ...
- The purpose of this study is to determine . .
- The purpose of this study is to develop a conceptual model ...
- The purpose of this study is to evaluate ...
- The purpose of this study is to explore the . . .
- The purpose of this study is to examine and better understand the effects of ..
- The purpose of this study is to inventory ...

Alexander Ferworn

- The purpose of this study is twofold. First, this study will assess the . . .
- This research concentrates on ..
- The research problem for this study is to describe the . .
- The specific objectives of the present study are ...
- This study examines the relationships among ....
- There are several reasons for inquiring into ..
  This thesis explores the idea . . .
  - This thesis will deal with . . .
- My thesis is...
- This investigation will explore.
- This investigation represents an attempt to address several ...
- This paper is concerned with . . .
- This paper will focus on ....
- This research represents an investigation into the problem of...
- This research represents an attempt to test the effectiveness of ...
- This study examines ...
- This study has two purposes ...
- This study is concerned with . . .
- This study is an attempt to ...
- This study is based on several assumptions ...
- This study is designed to replicate...

Read the articles of your choice.

See if the introductions are good.

### coursera

Stanford Writing in the Sciences Financial aid available Already enrolled \* \* \* \* \* 4.9 5.449 ratings | 6 97% Dr. Kristin Sainani TOP INSTRUCTOR Browse > Health > Basic Science 271,003 already enrolled Go To Course

### About this Course

FAO

About Instructors Syllabus Reviews Enrollment Options

398,642 recent views

writing tricks for writing faster and with less anxiety, the format of a scientific manuscript, peer review, grant writing, ethical issues in scientific This course teaches scientists to become more effective writers, using practical examples and exercises. Topics include: principles of good publication, and writing for general audiences.

https://www.coursera.org/learn/sciwrite

# Being a researcher (in Information Science and Technology)

×

Offered by

全会会会会 4.9 108 ratings · 34 reviews



Remove from Saved

You may take 1 course

Sponsored by Chulalongkorn University

### About this Course

ethical aspects of research. Although the course speaks about scientific research in The course provides a broad view of how to become and progress as a researcher. It spans over a wide range of topics, from the historical development of scientific funding, evaluation, and promotion in a researcher's career. It also stresses the thought to research methodology, to the pragmatics of publication, research general, it especially focuses on the field on Information and Communication Science and Technology,

The course is mainly directed to students engaging in research and beginning supervisors or mentors, and to all those who are interested in how scientific researchers. It may also be of interest for senior researcher in their role as research works. The main topics addressed in the course are:

- Research, its historical development, and its role in society;
- Research methodology,

https://www.coursera.org/learn/being-researcher



### Flexible deadlines

Reset deadlines in accordance to your schedule.



Earn a Certificate upon completion



#### 100% online

Start instantly and learn at your own schedule.







#### English

Subtitles; French, Portuguese (European), Russian, English, Spanish

### How to Write and Publish a Scientific Paper (Project-Centered Course)

会会会会会 4.6 2,144 ratings · 796 reviews



Save for Later

Sponsored by Chulalongkorn University

### About this Course

What you will achieve:

prepare a checklist that will allow you to independently judge whether your paper is In this project-based course, you will outline a complete scientific paper, choose an appropriate journal to which you'll submit the finished paper for publication, and ready to submit.

What you'll need to get started:

existing personal project. If you just finished your graduate dissertation, just began This course is designed for students who have previous experience with academic your PhD, or are at a different stage of your academic journey or career and just research - you should be eager to adapt our writing and publishing advice to an want to publish your work, this course is for you.

#### SHOW ALL

https://www.coursera.org/learn/how-to-write-a-scientific-paper



X



### Flexible deadlines

画

Reset deadlines in accordance to your schedule.



### Shareable Certificate

Earn a Certificate upon completion



#### 100% online

Start instantly and learn at your own schedule.



#### Approx. 13 hours to complete 0



#### English

Italian, Portuguese (Brazillan), Vietnamese, German, Subtitles: Arabic, French, Portuguese (European), Russian, English, Spanish