

### Research Paper (II)

### **Objetives**

 To identify the basic communicative functions of Research papers

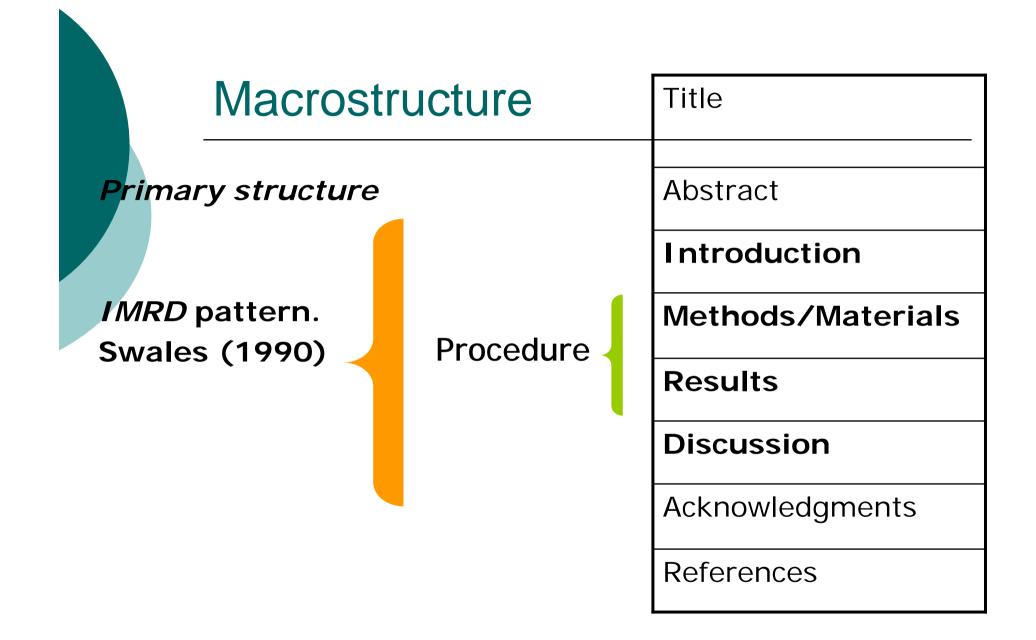
 To analyse their macrostructure: primary and secondary

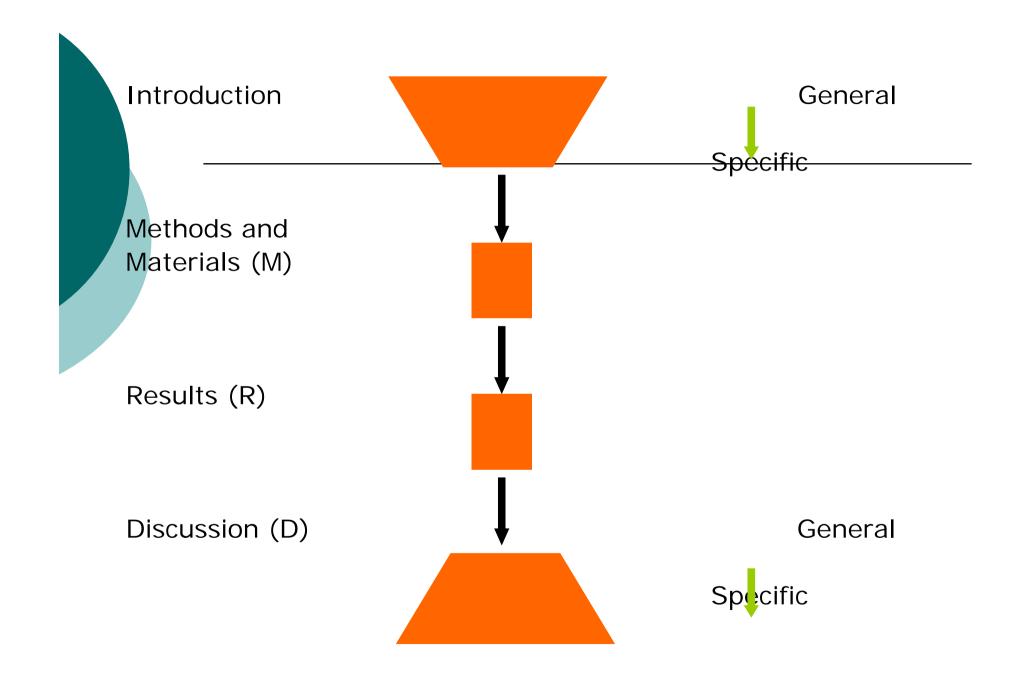
 To identify conventions of Introductions in Research Papers

#### Macrostructure

### • Primary structure: sections

### Secondary structure: moves or sections' parts





### Purpose

#### • Introduction

- State the problem
- Attract interest in the topic

#### • Methods

 Describe methodology, materias or subjects and procedures

#### • Results

 Describe findingspresentation of data

#### • Discussion

 Give account of what has been learned in  What was the problem?

- How did you study the problem?
- What did you find?

 What do these findings mean?



## Introduction

• The purpose of this paper is to....

• This paper describes and analyzes...

o My aim in this paper is to...

o In this paper we report on...

#### Introduction

**Swales (1990)** 

Establishing a research territory
Establishing a niche
Occupying the niche

### <u>Moves in Research Paper Introductions</u> (Swales, 1990)

#### • Establishing a research territory

- By showing that the general research area is important, central, interesting, problematic, or relevant in some way (optional)
- By introducing and reviewing ítems of previous research in the area (obligatory)
- o Establishing a niche
  - By indicating a gap in the previous research, or by extending previous knowledge in some way (obligatory)
- Occupying the niche
  - By outlining purposes or stating the nature of the present research (obligatory)
  - By listing research questions or hypothesis (in some fields)
  - By announcing principal findings (in some fields)
  - By stating the value of the present research (in some fields)
  - By indicating the structure of the RP (in some fields)



### Establishing a research territory

 A) By showing that the general research area is important, central, interesting, problematic, or relevant in some way (optional)

- Strong opening sentences
  - o Recently, there has been growing interest in...
  - The possibility of... has generated wide interest in...
  - The development of ... is a classical problem in...
  - $\circ$  The development of ... has led to the hope that...
  - Knowledge of....has a great importance for...
  - The increasing interest in... has heightened the need for...
  - The study of... has become an importan aspect of...
  - o A central issue in...is....
  - Many recent studies have focused on...

# Establishing a research territory **Swales** (1990)

• B) By introducing and reviewing ítems of previous research in the area (obligatory)

- Reviewing the literature (citing patterns)
  - Jones(1997) concluded that illiteracy can be related to...
  - Jones(1997) has concluded that
  - Jones(1997) concludes that
  - Jones (1997) investigated the causes of illiteracy
  - The causes of illiteracy were investigated by Jones (1997)
  - The causes of illiteracy have been widely investigated (Jones1988, Hyon 2004)
  - The causes of illiteracy are complex (Jones1988, Hyon 2004)

#### o Little/few

- However, little information...
- There is little research..
- The department has few computers...
- However, few studies...
- o No/none of
  - No studies/data/calculations...
  - None of these studies/findings...
- Contrastive statements
  - The research has tended to focus on.... rather than on...
  - These studies have emphasized..., as opposed to...
  - Although considerable research has been devoted to ...., rather less attention has been paid to...

#### • Raising a question/hypothesis

- It would thus be of interest to learn how...
- If the results could be confirmed, they would provide strong evidence for...
- The findings suggest that this approach might be less effective when...

#### • Extending previous knowledge in some way

- These recent developments in computer-aided design clearly have considerable potential. In this paper, we demonstrate...
- The literature shows that Rasch Analysis is a useful technique for validating multiple-choice tests. This paper uses Rasch Analysis to...

### Occupying a niche Swales (1990)

#### o Move 3<sup>a</sup>:

- Purposive (P)The author or authors indicate their main purpose or purposes
   The aim of the present paper is to give...
- Descriptive (D) The author or authors describe the main feature of their research.
  - This paper reports on the results obtained...

#### **Materials and Methods**

 Describe methodology, materias or subjects and procedures

#### Results

Describe findingsPresentation of data

#### Discussion

Give account of what has been learned in the study-answer questions raised in the Introduction