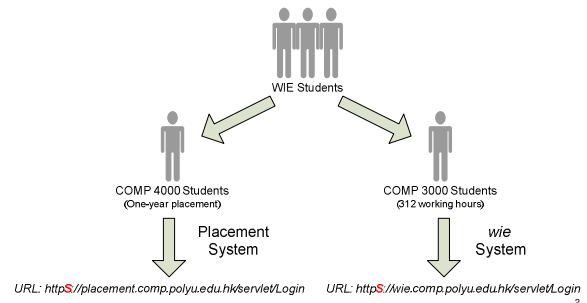# WIE@COMP
## Managing the Diversity of WIE Activities

Rocky K. C. Chang and Dick Mau
Department of Computing
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## WIE activities at COMP



WIE Students

COMP 4000 Students
(One-year placement)

COMP 3000 Students
(312 working hours)

Placement System

*wie* System

*URL: httpS://placement.comp.polyu.edu.hk/servlet/Login*     *URL: httpS://wie.comp.polyu.edu.hk/servlet/Login*

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## WIE activities at COMP

- One-year placement (COMP4000)
  - 24 credits
  - Department finds the jobs.
  - Mostly local and a few overseas
- WIE (COMP3000)---wie
  - 1 credit per two weeks
  - Students find the jobs (e.g., thru PGDP).
  - Mostly local, Summer, part time

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## The diversity problem for wie

- "Computing" jobs are everywhere:
  - Government
  - Software houses
  - Banks
  - Museum
  - Zoo
  - Freelance
  - …
- Job nature:
  - Programming, web development, technical support, etc
- Which ones qualify for COMP's wie?

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## Going back to the basics

- To address two aspects of student's learning at the PolyU:
  - Professional knowledge and skills
  - Attributes for all-roundedness
- For COMP:
  - Contain some Computing/IT elements.
  - Structured (in contrast to ad hoc tasks).
  - Conducted in a recognized organization outside the Department.

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## Non-qualified wie activities

- Private tutoring
- Freelance activities
- Student helpers in COMP's technical team
- Positions in academic departments
- Non-IT work of any kind, such as clerical, marketing, sales, data entry
- …

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## The problem

- Objective: Maximize the wie learning experience for our students.
- Constraints:
  - Human resources
    - Not possible for finding the wie jobs
    - Managing a large number of wie students
  - Cooperation from the students
    - Some students may just want to fulfill the WIE requirement.

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## A solution

- Effective management procedures and coaching
  - Pre-wie: request approval and coaching
  - In-wie: coaching
  - Post-wie: reporting, report approval, and coaching
  - Overall management and student's own management

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## Management procedures and coaching

- Pre-wie: request approval and coaching
  - Centralized vs decentralized?
- In-wie: coaching
  - Centralized vs decentralized?
- Post-wie: reporting, report approval, and coaching
  - Centralized vs decentralized?

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## Current management procedures and coaching

- Pre-wie: request approval and coaching
  - **Centralized** vs decentralized?
- In-wie: coaching
  - **Centralized** vs decentralized?
- Post-wie: reporting, report approval, and coaching
  - **Centralized** vs decentralized?
- Centralized at the WIE officer

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## New management procedures and coaching

- Pre-wie: request approval and coaching
  - **Centralized** vs decentralized?
- In-wie: coaching
  - Centralized vs **decentralized**?
- Post-wie: reporting and report approval
  - Centralized vs **decentralized**?
- Centralized at the WIE officer
- Decentralized to other academic staff members

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## Four roles

- WIE Officer: Request approval and coaching
- Academic supervisors: Coaching during and at the end of WIE and report approval
- Industrial supervisors: Coaching during WIE, certification, and survey
- Students

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# An implementation of the management procedures

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