Emotional Intelligence and the Use of Web 2.0 Tools in Language Learning in Higher Education
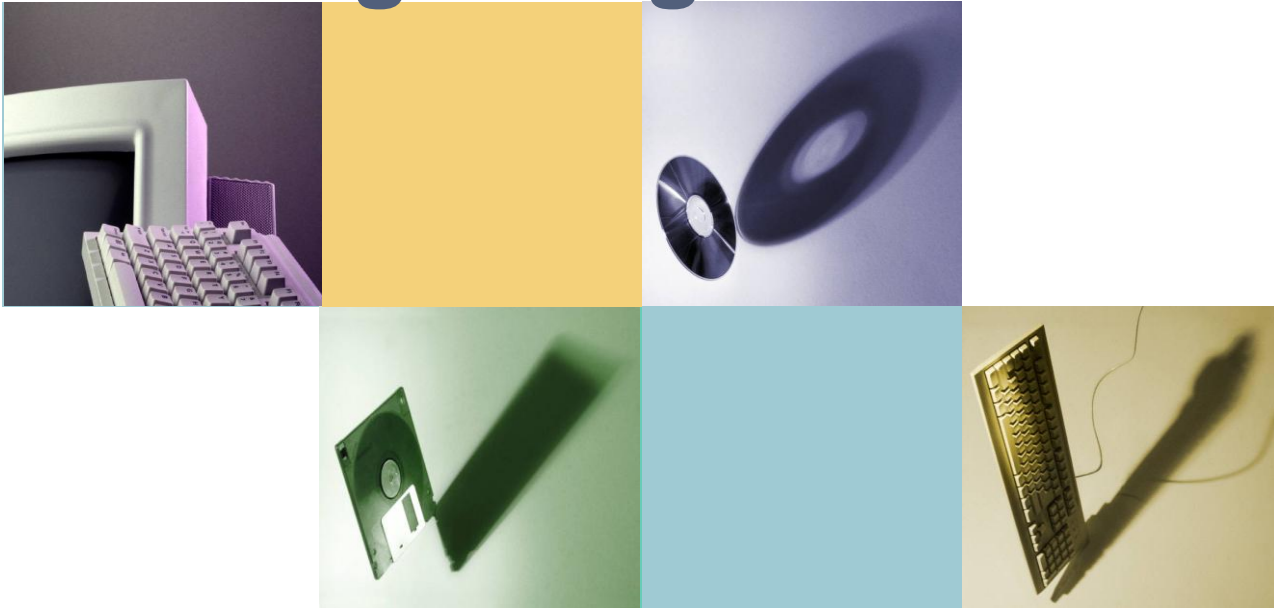

Chuan-Ta Chao & Shu-chien Pan
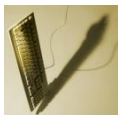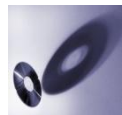
Outline

The Importance of English in Taiwan
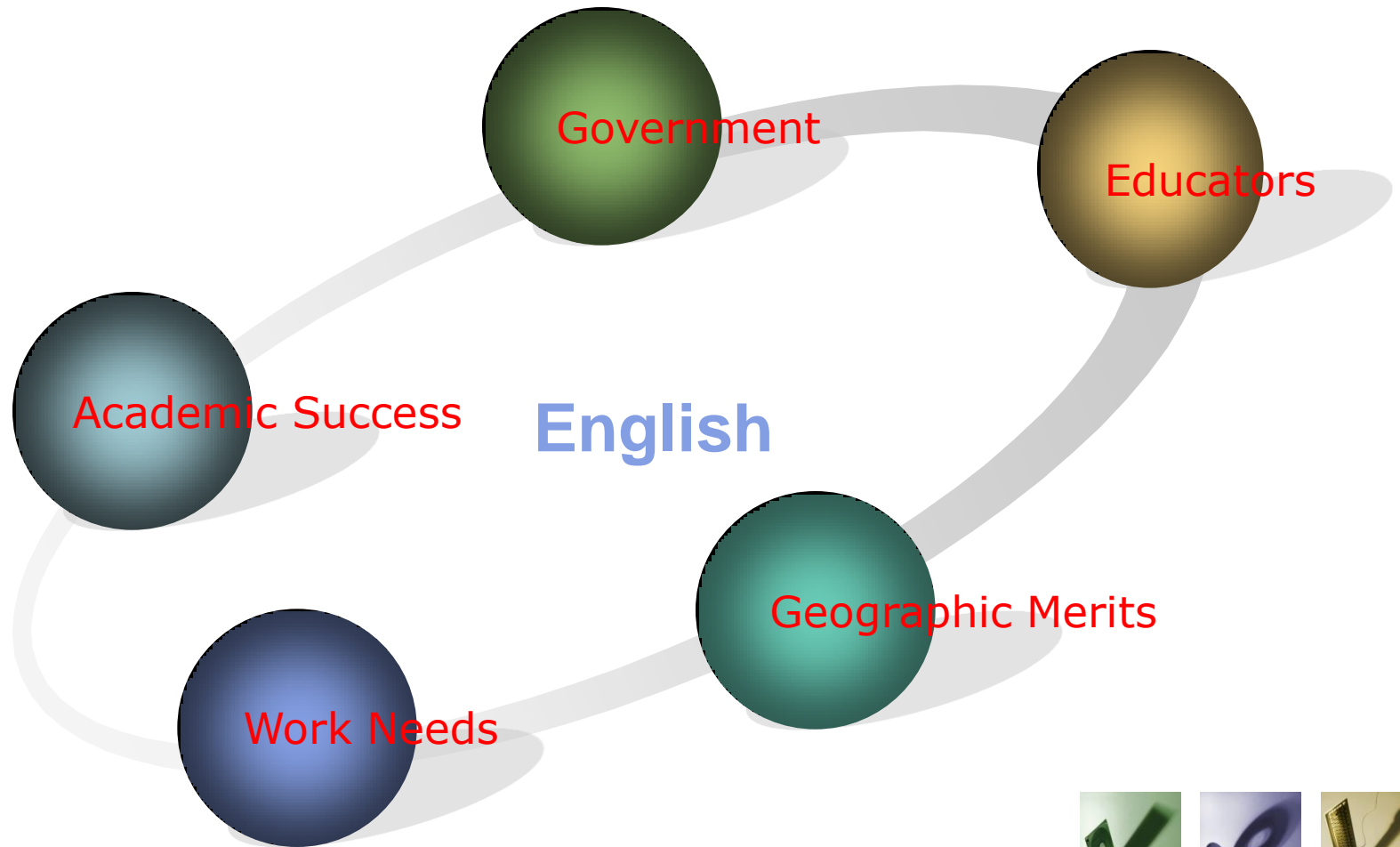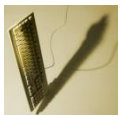
Government

Educators

Academic Success

English

Geographic Merits

Work Needs

Trends in Taiwan

- Government: Encourage
- Reasons:
  - Natural Geographic Merits
  - International Business Needs
  - Globalization
- English: Main Second Language
  - Must-have Ability: all students
  - Academic Success
  - More Job Opportunities

Emotional Intelligence

– Multiple Intelligence: Gardner, 1993 & 1999

– Emotional Intelligence: Salovey & Mayer, 1990

– Emotional Intelligence—Why it can matter more than IQ: Goleman, 1995

– EI, a mix of Social and Emotional Skills: Goleman, Boyatzis, & McKee, 2002

– 4 dimensions of EI: Nelson & Low, 1999

  • Interpersonal

  • Leadership

  • self-management

  • intrapersonal skills

Web 2.0 Tools

- **21st Century Education**
  - **Global Workers**
  - **Ongoing Job Change Styles**
- **Digital Generations Needs**
- **Develop Skills**
  - **Collaboration**
  - **Interaction**
  - **Information Research**
  - **Social Connection**
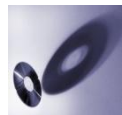 - **Communication**
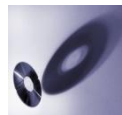
Methodology

- Recruited volunteer participants
  - Undergraduate students
  - Northern Taiwan
- Descriptive analysis
  - Demographic
  - Frequency use Web 2.0 tools
  - Purpose use Web 2.0 tools
- Correlation Relation
  - Relationship between variables

Results

- Sample size: 156
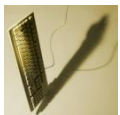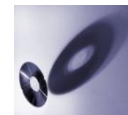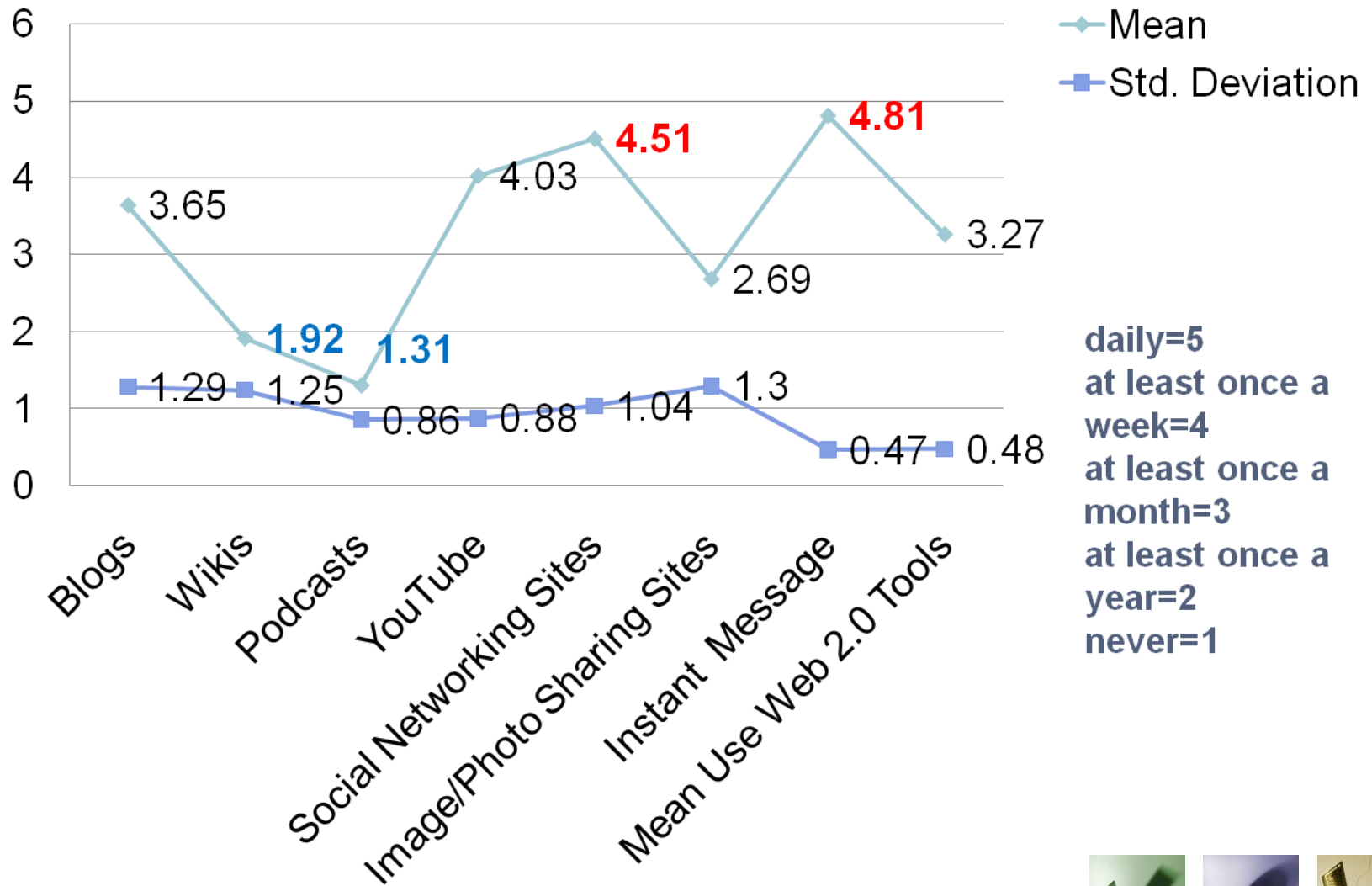- Valid Cases: 144
- Gender:
  - Female (80.6%)
  - Male (19.4%)
- Hours spent online/ per day
  - learning language (M= 2.14, SD= 2.35)
  - doing homework (M= 1.75, SD= 1.45)
  - personal interests or social life (M= 2.61, SD= 2.0)

Frequency Use Web 2.0 Tools

Legend:
- Mean
- Std. Deviation

Mean values: Blogs 3.65, Wikis 1.92, Podcasts 1.31, YouTube 4.03, Social Networking Sites 4.51, Image/Photo Sharing Sites 2.69, Instant Message 4.81, Mean Use Web 2.0 Tools 3.27

Std. Deviation values: 1.29, 1.25, 0.86, 0.88, 1.04, 1.3, 0.47, 0.48

daily=5
at least once a week=4
at least once a month=3
at least once a year=2
never=1

Purposes Use Web 2.0 Tools

Chart legend:
- Mean
- Std. Deviation

Y-axis values: 3.5, 3, 2.5, 2, 1.5, 1, 0.5, 0

Mean values:
- Blogs: 2.82
- Wikis: 1.83
- Podcasts: 1.76
- YouTube: 2.89
- Social Networking Sites: 2.9
- Image/Photo Sharing Sites: 2.6
- Instant Message: 2.89
- Mean Use Web 2.0 Tools: 2.52

Std. Deviation values:
- Blogs: 0.57
- Wikis: 0.97
- Podcasts: 1.15
- YouTube: 0.39
- Social Networking Sites: 0.44
- Image/Photo Sharing Sites: 0.8
- Instant Message: 0.38
- Mean Use Web 2.0 Tools: 0.41

personal interests=3
homework=2
language=1
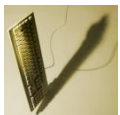
Correlation: EI vs Web 2.0

- Leadership skills vs Wikis

  positive significantly correlated

- Pearson correlation coefficient

  $r = .129$, p = .000 (p < .05)

Conclusion

- Use Web 2.0 tools: at least once a week (Majority)

- For personal interests or social life

- Seldom for language learning

- Academic purposes: limited to use Wiki & Podcasts

- Instructors might integrate more tools in classrooms

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