


# CEIA ACADEMY

HISTORY OF COOPERATIVE EDUCATION  
JUNE, 2018



- 
- **Late 1800's the Industrial Revolution was underway with new innovations and technologies creating a demand for specialized knowledge and training in the workplace.**
  - **The Morrill Act of 1862 (Land Grant Act) provided funds to establish colleges devoted to agriculture and mechanical arts.**

**First time government became involved in support of higher education**

**Education had been concentrated in classical arts, Land grant schools allowed students to develop practical skills that could be applied in work settings**

# HERMAN SCHNEIDER UNIVERSITY OF CINCINNATI

**1872**

**Herman Schneider, co-op founder, is born in Summit Hill, PA**

**1903**

**He came to Cincinnati, was offered position as engineering instructor.**

**1906**

**Became Dean of UC College of Engineering**

**Proposed a structured method of combining academic education and practical work experience.**

(M.B. Reilly 2006)

**“Let him go ahead. Nothing he can do will harm that department.”**

**“We hereby grant the right to Dean Schneider to try, for one year, this cooperative idea of education... (for) the failure of which, we will not assume responsibility.”**

(M.B. Reilly 2006)

# FIRST CLASS

- **Originally alternating work and school weekly.**
- **First co-op class had 27 students and 13 companies.**
- **First wages in 1906 were 8-10 cents an hour.**

## NORTHEASTERN UNIVERSITY

**1909 Day School of Cooperative Engineering of Polytechnic Institute of the YMCA starts co-op program with 8 students and 4 employers with Hercules Germanos, named Dean of College and Director of Cooperative Program.**

**First Co-op marketing slogan developed –  
“Earning While Learning.”**

**1912 First co-op reflection activity – required co-op work reports.**

(J. Barbeau, 1985)

## TIME LINE

- 1906** University of Cincinnati
- 1909** Northeastern University
- 1911** University of Detroit Mercy
- 1912** Georgia Institute of Technology  
Rochester Institute of Technology
- 1914** University of Akron
- 1915** University of Cincinnati – Nursing
- 1919** General Motors Institute was the first 100% mandatory co-op program that was owned and operated by a corporation, championed by Charles F. Kettering (now named Kettering University)  
Drexel University
- 1920** Ohio Mechanics Institute  
Antioch developed liberal Arts Co-op  
First women co-op at the University of Cincinnati

# UNIVERSITY OF WATERLOO

**1957**      **First co-op program in Canada, now the largest program in the world.**

**Began with 74 engineering students**

**21,500 students enrolled in co-op**

**60 different countries**

**Last year processed over 1 million student job applications**

**Over 1,700 interviews held on one day**



# THEORY

- **Colleges responded with new courses of study – practical education – education for a specific field now became acceptable.**
- **The philosophical foundation for cooperative education was also taking place.**
- **John Dewey – wrote Experience and Education (1938)**

**“There is an intimate and necessary relation between the process or actual experience and education.” Dewey believed that people learned from experience and doing.**

## CO-OP PROFESSIONAL ASSOCIATIONS/ORGANIZATIONS

- 1926 Association of Cooperative Colleges -first professional association for cooperative education – First meeting at the University of Cincinnati – Herman Schneider elected President.**
- 1929 Division of the Society of Promotion of Engineering Education (later ASEE) – became the Cooperative Education Division (CED) of the American Society of Engineering Education – changed to Cooperative and Experiential Education Division (CEED) in 2009.**
- 1956 National Commission for Cooperative Education founded to promote Co-op and raise funds**

# CEA/CEIA

- 1963**     **The Cooperative Education Association is established with Don Hunt and Frank Jakes taking the lead to represent the interests and promote the expansion of co-op, especially in non-engineering disciplines.**
- Northeastern University received a Ford Foundation Grant to establish the first co-op training center to help develop new co-op programs.**
- 1964**     **CEA held its first annual conference in Detroit, Michigan**
- Research in the field of Cooperative Education became a key element to demonstrating the success of programs and the Journal of Cooperative Education was established.**

## **1965 Title VIII of the Higher Education Act**

**Provided more funding toward growth of co-op programs**

**Assisted with expansion to business, health and liberal arts**

**1969 Cincinnati State and Technical College - first two-year school with mandatory co-op**

**1971 National Conference on Cooperative Education**

**1979 First World Conference on Cooperative Education**

**1983 WACE established**

**1985 National Ad Campaign**





- **Internship is added to CEA making the organization new name CEIA (late 1990's)**
- **The National Academy of Work-Integrated Learning (NAWIL) of CEIA is founded to provide professional training to co-op and internship practitioners. (now named the CEIA Academy)**
- **Today, approximately 1000 colleges and universities in 43 countries, with 76,000 employers and 310,000 students participating annually in co-op partnerships**

# REFERENCES

<http://www.ceiainc.org/about/history/>

Barbeau, J (1985) *Second to None*

Reilly, M.B. (2006) *The Ivory Tower and the Smokestack*