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[Mission] Improved Wellbeing Among Children And Youth In Denmark

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## Research profile

**Xiangyun Du**, Ph.D., is a professor and Director of Aalborg UNESCO PBL Centre in Engineering Science and Sustainability, Aalborg University, Denmark. I have been previously worked in different educational institutions in China and Qatar University. With my passion to how educational change may support youth growth and well-being, I have been committed to actions and research in educational transformation through pedagogical change using Problem-Based and Project-Based Learning methodology) – in diverse social, cultural, and educational contexts. Having worked in diverse fields of educational development ranging from engineering, STEM, teaching preparation, language teaching, business to health (medicine, dental, and public health sciences) education, etc.), my research topics included change from an inter/cross-cultural perspective, curriculum and pedagogy development, faculty/staff/ teacher development, intercultural learning and teaching, and gender studies.

Seeing myself as an engaged teacher with love, care and passion, I have been seeking new ways of improving teaching to support students with diversity (gender, ethnicity, culture and family backgrounds, among others). Having won multiple teaching and learning prizes myself in multiple countries, I have in the past decades been engaged with working with teachers and leaders on how to optimize student learning through developing agency for all. In my change agent and management work, I supported over 30 institutions cross countries doing substantial work on pedagogy development and educational transformation.

In my academic career I have been leading and involved in over 260 relevant international publications, including 10 monographs, over 100 journal papers (SCOPUS, Web of Science, and SSCI), 15 edited books, and over 40 book chapters as well as over 60 conference contributions. She has also been actively involved in several international academic programs, networks, and editorial works for journals. In particular, I am currently serving as an associate editor in European Journal of Engineering Education.

## Research outputs

**In Which Ways Does Community-Based Dental Education Facilitate Development of Professional Identity in Undergraduate Curricula? A Scoping Review**

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**Exploring Engineering Students' Perception of Their Career Preparedness in a Systemic PBL Context in Denmark**

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**Group Creativity Development by Solving Real-life Project in Engineering Education**

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Du, X., 2006, In: *European Journal of Engineering Education*. 31, 1, p. 35-42

**PBL in a multicultural environment: experiences from a Master's programme**

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### **Process competencies in a problem and project based learning environment**

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Eriksen, K. & Du, X., Feb 2005, In: UGlen. 2005, 1, p. 12 1 p.

### **Chinese Students - Learning Engineering in a New Culture**

Du, X., 2005, In: IPN nyt. 16, p. 3 1 p.

### **Confronting cultural differences: learning engineering as foreigners in a Danish context : a case study of chinese students**

Du, X. & Hansen, S., 2005, In: VEST. A Journal for Science and Technology Studies. 17, 3-4, p. 61-84

### **Gendered Featured of Learning and Identity Development**

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### **Gendered features of learning and identity development**

Du, X., 2005, *Projekterfaringer fra Get a life, engineer!*. København: Ingeniørforeningen i Danmark, IDA, p. 8-15

### **Learning engineering in a problem-based and project-oriented learning environment: gendered features of learning and identity development**

Du, X., 2005, *The 3rd European Conference on Gender and ICT Symposium - Working for Changes, Manchester, February 1st, 2005*.

### **Øst er Øst og Vest er Vest: hvad sker der, når de mødes?**

Du, X., Hansen, S. & Dahms, M.-L., 2005, In: UGlen. 2, p. 12-14

### **Øst er Øst og Vest er Vest - hvad sker der, når de mødes?**

Du, X., Hansen, S. & Dahms, M.-L., 2005, In: UGlen. 2005, 2, p. 12-14 3 p.

### **East is east and west is west: can the two meet? : experiences of foreign engineering students in a Danish learning environment based on project-organised group work : Chinese students as a case study**

Du, X., Hansen, S. & Dahms, M.-L., 2004, *Proceedings of the 3rd American Society of Engineering Education (ASEE) International Colloquium on Engineering Education*.

### **Integrating international students into a project organized problem based learning environment**

Hansen, S. & Du, X., 2004, *Proceedings of the World Conference on Engineering and Technology Education*. 4 p.

### **Problem-based Learning, Female Friendly?**

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## **Activities**

### **Academic leadership for pedagogical change via/towards PBL**

Guerra, A. O. P. D. C. (Organizer), Du, X. (Organizer), Jiang, D. (Organizer), Lindsay, E. (Organizer), Bertel, L. B. (Organizer), Arboe, J. (Organizer), Smith, L. (Participant), Wolff, K. (Participant), von Klemperer, C. (Participant), Wolmarans, N. (Participant), Paton, R. (Participant), Swartz, B. (Participant), Givender, R. A. (Participant), Hattingh, T. (Participant), Mogashana, D. (Participant), Tshitshonu, E. (Participant), Lokhat, D. (Participant), Truscott, F. (Participant) & Nweke, C. (Participant)

21 May 2024 → 24 May 2024

### **Imagining a Sustainable Future and Realizing Potentials in Engineering Education**

Ejsing-Duun, S. (Organizer), Christiansen, S. H. (Organizer), Markman, A. O. (Organizer), Guerra, A. (Organizer), Du, X. (Organizer) & Arboe, J. (Organizer)

4 Mar 2024

**European Journal of Engineering Education (Journal)**

Du, X. (Editor)

1 Oct 2009 → 31 Oct 2009

**3rd European symposium on gender & ICT : working for change : gendered features of learning and identity development**

Du, X. (Speaker)

1 Feb 2005

**Press/Media**

**Delegation of Denmark-based Aalborg University visits MIT Vishwaprayag University**

Lindsay, E., Du, X. & Routhe, H. W.

19/12/2024

1 item of Media coverage

**Dr JA Choudary inaugurates India's biggest symposium on Project Based Learning at Anurag University**

Du, X.

19/12/2024 → 20/12/2024

6 items of Media coverage

**En ud af 500 kinesere i Aalborg**

Du, X.

17/07/2013

4 items of Media coverage

**Ingeniøruddannelserne vil tilpasse sig kvinderne**

Du, X. & Blaabjerg, F.

08/12/2006

3 items of Media coverage

**NI HAO: Kinesisk i Aalborg**

Du, X.

17/09/2009

1 item of Media coverage

**Pioneering problem-based learning (PBL) at HITAM**

Du, X.

29/06/2024

1 item of Media coverage

**Shaping Tomorrow's Transportation Today: AEMOB Forum 2024 in Doha**

Du, X.

26/02/2024

164 items of Media coverage

**Torben er faldet for Kina**

Du, X.

19/09/2009

1 item of Media coverage

**Awards**

PhD Supervision at Faculty of Engineering, Science and Medicine, Aalborg University

Du, X. (Project Participant), Kolmos, A. (Project Participant), Heidemann Lassen, A. (Project Participant) & Kofoed, L. (Project Participant)  
<ingen navn>  
01/11/2005 → 31/12/2008

## Projects

### **Bringing New Values into Engineering Education - Gender and Learning in a PBL environment**

Du, X. (Project Participant)  
01/12/2002 → 31/12/2011

### **Change and Reform in Medicine and Health Education in China —A Teaching Staff's Perspective**

Du, X. (Project Manager), Sun, B. (Project Manager), Zhao, Y. (Project Participant), Shi, J. (Project Participant), Duan, X. (Project Participant) & Li, H. (Project Participant)  
01/09/2009 → ...

### **Collaboration, leadership, sand sustianability in higher education: How universities operate and align sustianability in education**

Christiansen, S. H. (PI), Du, X. (Supervisor) & Pereira de Carvalho Guerra, A. O. (Supervisor)  
01/03/2022 → 01/03/2025

### **Developing sustainability curriculum using the PBL method in a Chinese context**

Du, X. (Project Participant), Liu, J. (Project Manager) & Su, L. (Project Participant)  
01/09/2008 → ...

### **Early career engineers' preparedness for transition to work**

Markman, A. O. (PI), Du, X. (PI), Nørgaard, B. (PI), Pereira de Carvalho Guerra, A. O. (PI) & Agerkvist, I. E. (PI)  
01/01/2025 → ...

### **Educational innovation and its challenges**

Du, X. (Project Manager) & Li, H. (Project Participant)  
01/01/2013 → ...

### **Engineering Education and PBL**

Du, X. (Project Participant)  
01/01/2009 → ...

### **Enhancing Institutionalized Transformation through Design, Implement and Evaluate a PBL Pedagogical Development Certificate Program for HITAM, India**

Du, X. (PI), Chen, J. (CoPI), Pereira de Carvalho Guerra, A. O. (CoPI) & Hansen, S. (CoPI)  
15/03/2024 → 31/12/2027

### **Exploring Task-Based PBL in Chinese Teaching and Learning**

Du, X. (Project Manager), Kirkebæk, M. J. (Project Participant), Bao, R. (Project Participant), Ruan, Y. (Project Participant) & Egekvist, U. E. (Project Participant)  
01/01/2012 → 31/12/2015

### **Innovation and Change in Education – A Cross-cultural Perspective**

Du, X. (Project Manager)  
01/02/2012 → 31/08/2014

### **Medicine and Health Education**

Du, X. (Project Participant) & Shi, J. (Project Participant)  
01/01/2010 → ...

### **PBL Pedagogical Program for Institutional Transformation (India)**

Du, X. (PI), Pereira de Carvalho Guerra, A. O. (PI), Lyngdorf, N. E. R. (Col), Chen, J. (Col), Ulseth, R. (Col) & Jonhson, B. (Col)



22/08/2022 → 31/07/2025

**Pedagogy Innovation and University Teaching & Learning Development in Higher Education - a case of cross-culture collaboration between AAU and GUDT**

Du, X. (Project Manager) & He, H. (Project Manager)

01/08/2011 → 31/12/2016

**PhD Supervision at Faculty of Engineering, Science and Medicine, Aalborg University**

Du, X. (Project Participant), Kolmos, A. (Project Participant), Heidemann Lassen, A. (Project Participant) & Kofoed, L. (Project Participant)

<ingen navn>

01/11/2005 → 31/12/2008

**Proactive Career Development of Students in Technology and Engineering Education**

Markman, A. O. (PI), Du, X. (Supervisor) & Nørgaard, B. (Supervisor)

01/08/2022 → 31/07/2025

**Professional Learning and Development on PBL and Higher Education: CATZ Poland 2023**

Pereira de Carvalho Guerra, A. O. (PI), Du, X. (CoPI) & Lindsay, E. (CoPI)

01/04/2023 → 30/04/2024

**Sino-Danish knowledge collaboration and brain circulation**

Bertelsen, R. G. (Project Participant), Du, X. (Project Participant), Søndergaard, M. K. (Project Participant) & Baark, E. (Project Participant)

01/10/2011 → ...

**<strong>Effect of PBL on students learning in international programs</strong>- <strong>An across culture study </strong>**

Du, X. (Project Participant), Kolmos, A. (Project Participant), Jensen, L. P. (Project Participant), Hansen, C. J. (Project Participant), Østergaard, P. A. (Project Participant), Thrane, M. (Project Participant), Christensen, P. (Project Participant), Stojcevski, A. (Project Participant) & Green, L. (Project Participant)

<ingen navn>

01/09/2007 → 29/02/2008

**<strong>Global collaboration </strong><strong>- a case study of GENSO project</strong>**

Nielsen, J. F. D. (Project Participant), Kolmos, A. (Project Participant) & Du, X. (Project Participant)

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19/05/2010 → 19/05/2013

**Supporting university student proactivity for social and academic well-being: What PBL can do**

Chen, J. (PI), Hansen, S. (PI), Velmurugan, G. (PI), Fink, T. (PI), Lyngdorf, N. E. R. (Col), Søndergaard, B. D. (Col), Markman, A. O. (PI), Pereira de Carvalho Guerra, A. O. (Col), Du, X. (Col), Stegeager, N. (Col) & Telléus, P. K. K. (Col)

01/01/2025 → 31/12/2025

**Swans or Ugly Duckings? Lives of Female Engineering Students in a Male-centered Technological World**

Du, X. (Project Participant)

01/01/2002 → ...

**Tasked Based PBL in Foreign Language Education**

Du, X. (Project Participant), Kirkebæk, M. J. (Project Participant) & Bao, R. (Project Participant)

01/01/2012 → ...

**Aalborg Certificate on the Basics of PBL and Curriculum Change: Colombia 2021**

Pereira de Carvalho Guerra, A. O. (PI), Du, X. (CoPI), Nørgaard, B. (Col), Lyngdorf, N. E. R. (Col), Ulseth, R. (Col) & Jonhson, B. (Col)

21/10/2021 → 31/05/2023

