

# Curriculum Vitae

## Ms. Ruetai Chongsrid



### Current Position

Senior Director of Academic, Curriculum and Learning  
Media Development Division  
National Science and Technology Development Agency  
Ministry of Higher Education, Science, Research, and Innovation

### Biographical Data

Sex: Female

Date and place of birth: 30 April 1971, Nakhon Ratchasima, Thailand

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### Working Experience

2019- Present Senior Director of Academic, Curriculum and Learning  
Media Development Division

2016 - 2019 Senior Director of Academic Affairs and Youth Science  
Program Development Division

2011 - 2016 Director of Science Camp Management Division

2009 - 2011 Head of Science Public Understanding Section

2006 - 2009 Head of Science Talent Promotion Section

2003 - 2006 Academic Officer

1997 - 2003 Project Analyst

### Education

1991 Mahidol University, Bachelor of Science (Biology major)

1993 Kasetsart University, Master of Science (Environmental Science  
major)

## Professional training

August 2009	Communicating Darwin's Ideas : Richness and Opportunity Training
February 2011	Expert training for Children's University Project,
June 2012	Core trainer training for Little Scientist House Project
January 2014	Career Building for Women in Science
March 2016	Children's University-learning in an extracurricular learning center
October 2016	The International Leadership Visitor Program on the topic " STEM Education in Thailand"
December 2020	ANSO Training on Sustainable Development and Leadership Enhancement
February 2021	Innovation of Products & Services: MIT's Approach to Design Thinking
March 2022	Science Communications and Public Engagement

## Awards and Scholars :

- Awarded as a scholar of The Imperial Chemical Industries (ICI) for Bachelor Degree (3 years)
- Awarded as a scholar of Mahidol University for Bachelor Degree (1 year)
- Research Grant for thesis on topic "Biofouling Succession" from The Graduate School, Kasetsart University
- Excellent Thesis Award on topic "Biofouling Succession"
- National Good children book award (writer) on "Yellow banana" on Reading Culture Promotion Program, Thai Health Promotion Foundation, 2013
- National Good children book award(writer) on " Travelling of the Popping Pod *Ruelia tuberosa* " on Reading Culture Promotion Program ,Thai Health Promotion Foundation, 2013
- National Honorary Mention book Award (editor) on "Mushroom farm by young agriculturist" by The Office of the Basic Education Commission, Ministry of Education, 2014
- Excellent Children Book Award for promoting Effective Function(writer) on " Tadpole look for the mother" The Committee of EF and Thai Health Promotion Foundation, 2016

- Excellent Children Book Award for promoting Effective Function (writer) on "Ant kingdom" The Committee of EF and Thai Health Promotion Foundation, 2016
- Awarded as a scholar of Thai representative in the International Leadership Visitor Program on the topic " STEM Education in Thailand" ,2016
- Awarded as a scholar of the Suksapattana Foundation for attending the international conference on the topic "16<sup>th</sup> Interaction Design and Children" Stanford University, USA, 2017
- National Good Book for Early Childhood Award for "Little lizard who has no tail(writer)" , Office of the Education Council and Foundation for Children Book, 2018
- Awarded as a scholar of representative of Asia continental for leading of STEM education workshop of the International Dialogue on STEM Education, Berlin, Germany, 2019
- National Mention Good Children Book for Moral in New Normal Award for "How do we protect myself and family from COVID 19 ? (writer)" The Publishers and Booksellers Association of Thailand and Moral Promotion Center (Public Organization), 2021
- Excellent performance ANSO Training on Sustainable Development and Leadership Enhancement by Alliance of International Science Organizations and CAS, 2021

## Professional memberships

- Senior Core Trainer of the Little Scientists House Project
- Thai Expert of the Children's university exchange program
- Committee of the Selection of Candidate for the Lindau Nobel Laureate Meeting Project
- Committee of Selection of STEM Teacher Award by Science Teacher Association of Thailand
- Committee of Selection of Candidate for the Global Young Scientists Summit
- Committee of Selection of Candidate for the DESY Summer Student Program
- Committee of Selection of Candidate for the CERN Summer Student Program

- Committee of APEC Science Youth Festival 2011
- Academic committee of ASIAN Science Camp 2015
- Chairman of Special activities on The 9<sup>th</sup> and the 11<sup>th</sup> conference of National Science and Technology for Youths
- Committee of International Science Camp of Asia Pacific Conference on Giftedness 2018
- Committee of The Science Society of Thailand Under the Patronage of His Majesty the King

## Publications:

2001 – present Written more than 50 books (in Thai) and 5 books in English about public awareness in Science eg.

Ruetai C., (2002) **Good Young Researcher like Good Chef** (ปรุงโครงงานวิทยาศาสตร์ให้อร่อย). Bangkok : National Science and Technology Development Agency. 112 pages.

Ruetai C., (2003) **Junior Science Talent Project, Innovation supporting system for Thai Talent** (โครงการพัฒนาอัจฉริยภาพทางวิทยาศาสตร์...นวัตกรรมการส่งเสริมเด็กที่มีความสามารถพิเศษทางวิทยาศาสตร์อย่างเป็นระบบ.). Bangkok : National Science and Technology Development Agency. 112 pages.

Ruetai C., (2005) **Science Activities in the Garden** (สนุกในสวน) . Bangkok : Amarin Printing and Publishing public company, 112 pages.

Ruetai C., (2007) **Guidance for teacher to develop Science Camp** (การออกแบบและพัฒนากิจกรรมค่ายวิทยาศาสตร์) . Bangkok : Chulalongkorn university press. 125 pages.

Ruetai C., (2007) **Fun Science Experiments** (สนุกคิดนักวิทย์น้อย) . Bangkok : Bongkoch Publishing, 112 pages.

Ruetai C., (2007) **The King and his talent in talent and innovation: Thai Junior Encyclopedia Project By Royal Command of His Majesty the King**(บทพระปรีชาสามารถด้านเทคโนโลยีและนวัตกรรมในโครงการสารานุกรมไทยสำหรับเยาวชน โดยพระราชประสงค์ในพระบาทสมเด็จพระเจ้าอยู่หัว). Bangkok : Amarin Printing and Publishing public company. 495 pages.

Ruetai C., (2008) **How to Develop Little Genius for Science and Nature** (สร้างอัจฉริยะน้อยด้วยรอยยิ้ม) . Bangkok : Than Books press, 200 pages.

Ruetai C., (2012) **Learning Science by doing Soap bubble experiments** (เรียนวิทยาศาสตร์ผ่านการเล่นสนุกกับฟองสบู่.) . Bangkok : Chulalongkorn university press. 109 pages.

Ruetai C., (2013) **Egg games for young scientists** (ทำประลองทดลองวิทยผ่านฟองไข่) . Bangkok : Chulalongkorn university press. 139 pages.

Ruetai C., (2013) **Science in ASEAN** (วิทยในอาเซียน) . Bangkok : Nanmee books publication. 204 pages.

Ruetai C., (2020) **Have fun with the Monocot & the Dicot !**, Bangkok : NSTDA. 8 pages.

## International Participation

- Participated in Intel International Science and Engineering Fair (Intel ISEF), San Jose, USA, 7 - 11 May 2001
- Science Educator in the 1st APEC Youth Leadership Camp for the Science Gifted, Pusan, South Korea, 16 - 26 August 2004
- Participant in Bangalore Biotechnology Fair, Bangalore India, 8-12 July 2004
- Participated in BioFair@Philadelphia, USA, 16-24 June 2005
- Speaker on the topic "STEM camp – Coping with the challenges of science education in the 21st century " in the International Symposium on STEM Education (ISSE) 2016, Lahti, Finland, 2016

- Accompanying persons of Post-Lindau-Tour Germany, 2014 – 2016
- Participant in the International STEM Camp, Tokyo, Japan April 2016
- Speaker on the topic “Biomimicry: An approach for innovative STEM projects in high school, The international conference “ New Perspective in Science Education” Florence, Italy, 2017
- Speaker on the topic “Skills Development for the 21<sup>st</sup> century Though STEM Camp, The 15<sup>th</sup> Asia-Pacific Conference on Giftedness (APCG 2018), Bangkok, Thailand, 2018
- Speaker on the topic “Context is King – How can we implement STEM approaches in specific contexts for Education for Sustainable Development (ESD) ?”, International Dialogue on STEM education, Berlin, Germany, 2019
- Speaker on the topic “Fun Science @Home, Innovative and Interactive Online STEM learning during the COVID-19 pandemic, The Third Thai – Russian Roundtable Education during COVID-19 Pandemic: Turning Crisis into Opportunity, Bangkok, Thailand, 2021
- Speaker on the topic “How to Incorporate Local Wisdom and Powerful Ideas into Creation of Innovative STEM projects for Sustainable Agricultural Development, New Perspectives in Science Education, Florence, Italy, 2021
- Speaker on the topic “STEM and Coding in Action: Knowledge and Awareness Augmentation for COVID-19 Prevention”, Paris, France, 2021
- Speaker on the topic “Inspiration, Motivation and Creativity: How to Design STEM Activities for Sustainable Development, the 47<sup>th</sup> International congress on Science, Technology and Technology-Based Innovation, Bangkok, Thailand, 2021