

# Editorial

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This issue, 35-6, is the final issue of the year 2019. It has two parts. The first 35-6(A) has contributions in various areas of engineering education including:

Life Long Learning, Constructive Approach, STEM, Invention, Creativity, e-Learning, Innovation, Curriculum Design, Academic Performance, Flipped Classroom, PBL, Design Teams, Additive Manufacturing, Cooperative Learning, Blended Learning, Teaching Workshop, Lean Construction, Medical Devices, Robotics, Engagement, Aptitude Test, Motivation, and Communication Skills.

The authors are from institutions in Spain, Serbia, China, Russia, Australia, USA, Italy, Canada, Brazil, Mexico, Turkey, Ireland and Chile.

The second part 36-6(B) is a special issue that includes selected papers from the 2018 Capstone Design Conference. This special issue is guest edited by Professors Susannah Howe, Bridget Smyser, Robert Hart, and R. Keith Stanfill; I wish to express my sincere thanks and gratitude to them for the wonderful work they did. Previous issues of this year addressed various topics related to:

Academic Performance, Accreditation, Active Learning, Aerospace Engineering, Analog Circuits, Aquaponics, Architecture Engineering, Assessment, At-Risk Students, Big Data, Building Information Modeling, Capstone Design, CDIO, Civil Engineering, Classroom Engagement, Collaborative Projects, Concept Inventory, Conceptual Knowledge, Conceptual Misunderstanding, Conceptual Questions, Conceptual Undersetting, Cost Analysis, Critical Thinking, Data Mining, Design Process, Digital Circuits, Digital Systems, Distributed Practice, Educational Technology, Electrical Circuits, Emotional Intelligence, Emotions, Employability Skills, Engineer Identity, Engineering Design, Engineering Dynamics, Engineering Graphics, Engineering Mathematics, Enrollment Patterns, Entrepreneurship, e-Portfolios, Faculty Development, Female Students, First Year Students, Flipped Classroom, Fluid Dynamics, Fluid Mechanics, Gamification, Gateway Courses, Gender, Global Awareness, Global Competence, Graduate Program, Ground Water Modelling, Industry 4.0, Information Technology, Innovation, Internship, Laboratory Evaluation, Leadership, Learning Environment, Learning Style, Major Selection, Manufacturing Engineering, Mechanical Engineering, Military Veterans, MOOC, Motivation, Online Education, Persistence, Personality Traits, Problem Solving, Project-Based Learning, PBL, Quality Function, Research Training, Retention, Robotics, Role Identity, Self-esteem, Self-Study Platforms, Social Responsibility, Soft Skills, Software Engineering, S-STEM, STEM, Student Outcomes, Student Perception, Student Success, Student-Centered Learning, Teaching Quality, Teamwork, Transdisciplinary Design, Tutoring Systems, Verbal Feedback, and Virtual Learning.

Every issue of 2019 has contributions by authors from the USA and throughout the year contributions were made by authors from: Bosnia and Herzegovina, Botswana, Brazil, Canada, China, Germany, Israel, Korea, Kuwait, Lithuania, Malaysia, Mexico, Portugal, Saudi Arabia, Serbia, Slovenia, South Korea, Spain, Sweden, Switzerland, Taiwan, Trinidad, Turkey, UAE, and UK.

In addition to the current special issue two more were published; they include:

Active Learning Experiences in Engineering Education, with the guest editors being: Francisco José García-Peñalvo—University of Salamanca, Spain, Hugo Alarcón—Universidad Técnica. Federico Santa María, Chile, and Ángeles Domínguez—Instituto Tecnológico de Monterrey, Mexico.

Open Source & Collaborative Project Based Learning in Engineering Education, with the guest editors being: Andrés Díaz Lantada—Universidad Politécnica de Madrid, Spain, and Carmelo De Maria—Università di Pisa, Italy.

I am very grateful to all of the authors for their valuable contributions, as well as the guest editors and the reviewers for the wonderful work they did and the continual help and support they provided. I hope the readers found useful and helpful information provided throughout the year.

As the end of the year 2019 approaches, I wish everyone a productive, peaceful, and happy holidays and New Year.

Ahmad Ibrahim