



مؤتمر إعادة تصور التدريس لتحقيق أقصى قدر من التعلم الطلابي  
Reimagine Teaching to Maximize Student Learning Conference

## CONFERENCE PROGRAM

### Monday, February 10, 2020 (First Day)

0830-0900	Arrival, Registration, Networking Welcoming Coffee & Tea
0900-1000 Conference Hall	<b>CETL Reimagining Teaching to Maximize Student Learning 2020 OPENING CEREMONY</b> Announcer: Ms. Nadhira Al Habsi <b>Welcoming Speech</b> "To be determined" Opening: <b>Prof. Thuwayba Al Barwani</b> , CETL Director CETL Video  Introduction of Speaker by <b>Dr. Otherine Neisler</b> , CETL Deputy Director <b>Opening Address: "Expectations and Aspirations for Higher Education in the Middle East"</b> <b>"Dr. Safaa El Tayeb Al-Kogali"</b> The World Bank
1000-1100 Conference Hall	<b>KEYNOTE Speech 1:</b> <b>Twilight of the Lecture: Peer Instruction for Active Learning</b> <b>Prof. Eric Mazur</b> , Harvard University, Physics  Chairperson: <b>Dr. Faiza Al Mjeni</b> , SQU CETL Current Faculty Fellow 2017
1100-1130	Tea Break
1130-1230 Conference Hall	<b>KEYNOTE Speech 2:</b> <b>Learning Spaces/ Physical Learning Environments</b> <b>Prof. Jonas Nordquist</b> , Karolinska University Hospital  Chairperson: <b>Dr. Asmaa Al-Balushi</b> , SQU CETL Senior Faculty Fellow 2015
1230-1400	<b>Lunch and Prayers at Block G</b>

**Feb 10**  
1400 – 1530

(90 Mins)

## **Parallel Sessions (based on themes and language)**

### **G10 – Arabic Sessions:**

- **# 96 Dr. Mahmoud Emam – SOTL**

الممارسات الفعالة في تقييم كفايات طلاب الدراسات العليا من خلال استخدام التقييمات القائمة على النواتج: دراسة حالة لبرنامج الماجستير في صعوبات التعلم بجامعة السلطان قابوس

- **#100 Dr. Yousif Alanezi – Learning Spaces**

وجهة نظر الطلبة تجاه التعليم المدمج

### **G11 – Active Learning Theme:**

- **#103 Dr. Alaa Ibrahim & Prof. Issam Ali**

The Multi-dimensions and Dynamics of Active Learning:  
Revealing Performance, Perception, and Economic Impacts

- **#138 Dr. Alaa Ibrahim & Prof. Issam Ali**

How Does Active Learning Affect Various Student Groups?

- **#91 Dr. Haider Al-Lawati**

Effects of student-driven independent research projects on the instrumental chemical analysis laboratory curricula

- **#139 Dr. Frank Mattern & Dr. Andreas Scharf**

Optimizing the framework conditions on geological Final Year Projects – impact on teaching/learning, students, supervisors, research and the institution (Sultan Qaboos University, Oman)

### **G32 – Active Learning Theme:**

- **#72 Dr. Gennady Medvedev**

Alexa, how do you spell...?

- **#18 Dr. Michael Relf & Dr. Fathi Al-Abri**

Exploring global patterns of health and illness through active and experiential learning

- **#137 Dr. Jwan Ibbini**

Environmental Volunteering: A Service Learning Model at Hashemite University

- **#1 Dr. Lai Yong Tan**

“Are the Trees and Plants the Same in Wealthier and Poorer Housing Areas?” - Experiential Learning About Inequality Issues in Singapore

**Feb 10**  
1400 – 1530

(90 Mins)

**G33 – Learning Space Design Theme:**

- **#123 Dr. Mohammed Al Tahir Osman & Mr. Mohammed Al-Aghbari**  
Contextualizing the global standards for designing online courses: A design-based research approach for developing SPOCs
- **#15 Ms. Parivash Enghiad**  
Learning space for everyone: A quality improvement project
- **#10 Mrs. Taif Ibrahim**  
Reading Poems as a Strategy to Improve Omani EFL Learners' Phonetic Competence on Segmental Feature
- **#8 Dr. Veena Tewari & Mr. Suryanarayana**  
An Investigation into the Impact of Blended Learning on Student Performance in an HEI in Oman

**G34 – SOTL Theme:**

- **#130 Dr. Rouhollah Khodabandelou**  
A Bibliometric Analysis of The 21st Century's Research Trends in English Mobile Learning
- **#84 Dr. Shigeru Ikuta**  
University Students-Schoolteachers Partnership With Newly Developed Technologies
- **#98 Dr. Nazife Koca**  
Assessing and comparing Engineering and Science students' learning in two Introductory Physics Courses at SQU using the Force Concept Inventory
- **#16 Dr. Elsayed Abdelmawla**  
A proposed model for the development of virtual communities of practice and its impact on the professional development of teachers

**Law Seminar Room 1018 – Critical Thinking Theme:**

- **#68 Dr. Jamila Al-Siyabi**  
Logic and sense making in EFL academic writing: University students' metalinguistic understanding and production
- **#104 Dr. Ramanathan Arunachalam**  
Developing critical thinking skills in a Manufacturing Processes course – a case study at Sultan Qaboos University

<p><b>Feb 10</b> 1400 – 1530  (90 Mins)</p>	<ul style="list-style-type: none"> <li>- <b># 110 Mr. Yazan Brahim</b> Developing Critical Thinking Skills in the EFL Classroom: Constraints and Possibilities</li> <li>- <b>#111 Mrs. Najla Al-Subhi</b> Integrating e-Portfolio as Teaching and Learning Strategy from Teachers' and Students' Perceptions: A Systematic Review</li> </ul> <p><b><u>G1079 Law School Moot Courtroom 1</u></b></p> <ul style="list-style-type: none"> <li>- <b>#23 Dr. Amal Kamel</b> المحاكمات السورية كمنهجية فعالة في تدريس مقرر قانون التحكيم</li> </ul> <p><b><u>Lab G41 – Critical Thinking Theme:</u></b></p> <ul style="list-style-type: none"> <li>- <b>#117 Mr. David Paquin</b> the Development of the SQU "Teaching Critical Thinking" on-line course</li> </ul>
<p>1930 - 2230</p>	<p><b>CONFERENCE DINNER AT ROZNA RESTAURANT</b></p>
<p><b>Tuesday, February 11, 2020 (Second Day)</b></p>	
<p>730-830</p>	<p>Networking Welcoming Coffee &amp; Tea</p>
<p>830-930  G10</p>	<p><b>KEYNOTE Speech 3:</b> <b>Conducting SOTL to Maximize Student Learning</b> <b>Dr. Daniel Berstein, University of Kansas, USA</b></p> <p>Chairperson: <b>Dr. Joseph Jervase</b>, SQU CETL Senior Faculty Fellow 2015</p>
<p>930-1000</p>	<p><b>Tea Break</b></p>
<p><b>Feb 11</b> 1000-1100 (60 Mins)</p>	<p><b>Parallel Sessions (based on themes and language)</b></p> <p><b><u>G10 – Arabic Sessions:</u></b></p> <ul style="list-style-type: none"> <li>- <b># 129 Dr. Najlaa Salim Al-Saadi – Active Learning</b> دور التكنولوجيا في تدريس طباعه المنسوجات بقسم التربية الفنية</li> <li>- <b>#114 Dr. Mohammed Selim Ahmed – Critical Thinking</b> التدريس بالمشاركة وعلاقته بجودة التعلم الطلابي</li> </ul>

<p><b>Feb 11</b> 1000-1100 (60 Mins)</p>	<p><b><u>G11 – Active Learning Theme:</u></b></p> <ul style="list-style-type: none"> <li>- <b>#136 Prof. Gerlad Feldman</b> Reforming Physics Pedagogy in the Introductory Course Sequence: Student Engagement in a Collaborative Group-Learning Environment</li> <li>- <b>#48 Dr. Azzah Al-Maskari</b> Effectiveness of “Flipped Classroom” in Ibra College of Technology, Sultanate of Oman</li> <li>- <b>#2 Dr. Teck Keong Seow</b> Peer Instruction as an In-Class Activity of a Flipped Classroom in a Large Non-Majors Biology Course</li> </ul> <p><b><u>G32 – Active Learning Theme:</u></b></p> <ul style="list-style-type: none"> <li>- <b>#31 Mrs. Al-Khansa Al-Rashdi</b> Conducting hands-on Activities to Spark Creativity and Enhance Brainstorming Process</li> <li>- <b>#56 Mrs. Frincy Francis</b> WhatsApp at Nursing School: Personal Reflections of Undergraduate Students and Clinical Instructor on learning through WhatsApp</li> <li>- <b>#107 Dr. Jaya Sangeetha &amp; Dr. Aarati Mujumdar</b> Evaluation of evidence based teaching methods leading to student learning and employability</li> </ul> <p><b><u>G33 – Learning Space Design Theme:</u></b></p> <ul style="list-style-type: none"> <li>- <b>#26 Dr. Blessy Valsaraj</b> Curriculum Convention: An Innovative approach to Curriculum Re-designing</li> <li>- <b>#70 Mr. T. R. Manikandan</b> Assessing Teaching and Learning experiences in Virtual Lab Practice: A case study with Omani Engineering Students in High Voltage Engineering course</li> <li>- <b>#74 Mr. Ian Mun Qin Jie &amp; Mr. Melvin Lim Chung Wei</b> Design Thinking as Research Tool: Encouraging Independent mobility in Singapore Hawker Centers</li> </ul>
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**Feb 11**  
1000-1100  
(60 Mins)

**G34 – SOTL Theme:**

- **#33 Dr. Aisha Al-Harthi**  
Shadow Teaching: An Indirect Approach to Develop Academics in Higher Education
- **#20 Dr. Hameed Sulaiman**  
Achieving higher order learning goals in undergraduate students using Fink's significant learning model through learning activity: A case study

**Law Seminar Room 1018 – Critical Thinking Theme:**

- **#11 Dr. Judie Arulappan**  
Objective Structured Clinical Examination (OSCE): A reliable strategy for evaluating clinical competence in Undergraduate nursing students-faculty experiences
- **#12 Ms. Alina Botis**  
Socratic method or Socratic questioning as a tool for modeling critical thinking
- **#32 Mr. Thomas Sarney, Mrs. Ghalia Al-Zaabi, Mr. Abdullah Al-Hashmi**  
Integrating Gold Standard Project Based Teaching into Muscat University's Foundation Programme

**Post Grad. Seminar Room 0017 – Professional Development Theme:**

- **#126 Ms. Arcalyd Rose**  
Perceived Effectiveness of Academic Advising and the Academic Advisor
- **#134 Dr. Nada Al-Moosa**  
Change in Higher Education Institutions: building a culture of learning in education during times of change
- **#42 Mr. James Buckingham**  
Proposed use of Learning Communities and a Professional Practices Framework modeled on Boyer to support engagement in Professional Practice

**Lab G41 – Teaching Highlights Session:**

- **Dr. Sree Rama Murthy**  
Innovative Use of Technology: Trading Features and Options Using the Plus 500 Mobile App

Feb 11 1000-1100 (60 Mins)	<b><u>Lab G42 – Learning Spaces Theme:</u></b> <ul style="list-style-type: none"> <li>- <b>#135 Mr. Ishaq Al-Naibi</b> Designing an Online Course in Critical Thinking Skills: Lessons Learned on the Trail!</li> </ul>
1100-1145	<b><u>Featured Speakers:</u></b> <p><b>G10- #62 Prof. Salha Issan – Active Learning</b> دور عضو هيئة التدريس في الاشراف الميداني بكلية التربية بجامعة السلطان قابوس من وجهة نظر الطلبة المعلمين</p> <p><b>G11 - #66 Dr. Kathleen Naasz – Learning Spaces Design</b> The Impact of an Innovative Space on Learning</p> <p><b>Law Seminar Room 1018 – Program Alignment</b> Dr. Ibrahim Al Harthy, Quality Assurance, Sultan Qaboos University</p>
1145-1315 (90 Mins)	<b><u>Parallel Sessions: Teaching Highlights</u></b> <p>Welcome speech by <b>Dr. Salim Al-Harthy</b>, Director of Risk Management Office, and <b>Dr. Badria Al-Nadabi</b>, CETL Training and Planning Officer</p> <p><b><u>Teaching Highlights Presentations:</u></b></p> <ul style="list-style-type: none"> <li>- <b>Dr. Mickael Joseph</b> Using Twitter for Teaching</li> <li>- <b>Dr. Lyutha Al-Subhi</b> Flipped Classroom Approach for teaching case studies</li> <li>- <b>Dr. Victoria Tuzlukova</b> The Blended Model of Teaching English Writing</li> </ul> <p>G10</p> <p>Welcome speech by <b>Mrs. Nadhira Al-Habsi</b>, Deputy Director of Risk Management Office, and <b>Dr. Otherine Neisler</b>, CETL Deputy Director</p> <p><b><u>Teaching Highlights Presentations:</u></b></p> <ul style="list-style-type: none"> <li>- <b>Dr. Ibtisam Al-Abri</b> Game-based Learning</li> <li>- <b>Dr. Sergey Dobretsov</b> Transforming the Academic Space through Interdisciplinary Teaching</li> <li>- <b>Dr. Vindhya Singh</b> Using Portfolio for Active Learning</li> </ul> <p>G11</p>
1315-1415	<b>Lunch &amp; Prayers</b>

**Feb 11**  
1415 - 1515  
(60 Mins)

**Parallel Sessions (based on themes and language)**

**G10 – Arabic Sessions:**

**- # 28 Dr. Tarek Al-Ouerfelli – Learning Spaces**

استخدام طلبة جامعة منوبة بتونس وطلبة جامعة الشرقية بسلطنة عمان لتطبيقات التواصل عبر الإنترنت في التعلم

**- #87 Ms. Mariam Al-Belushi – Active Learning**

التدريس البنائي: مبادئ واستراتيجيات

**- #27 Dr. Talal Shaban Amer – Active Learning**

المقررات الإلكترونية بجامعة السلطان قابوس، مهارات الدراسة نموذجاً

**G32 – Active Learning Theme:**

**- #102 Dr. Abdessamad Tridane**

Blended learning in the Undergraduate Mathematics: Calculus as example

**- #65 Dr. Kathleen Naasz**

Active Learning and Use of Social Media in the Classroom

**- #45 Mr. Muhammed Zahir Khan**

Application of statistical Data Analysis Software (R) for Active in Class Learning

**G33 – Learning Space Design Theme:**

**- #63 Dr. Qasim Al-Ajmi**

Cloud computing adoption for teaching in Higher Education Institutions: Factors and Challenges

**- #73 Dr. Jennie DeGagne**

The Impact of Video-based Discussion Forums on Students' Engagement and Online Social Presence

**G34 – SOTL Theme:**

**- #22 Dr. Faisal Al-Maamari**

Unearthing the potential in SET in English Language education: The silver lining effect

**- #34 Dr. Vidya Seshan**

Case Study Analysis As A Problem-Based Teaching Methodology: Perspectives Of Undergraduate Nursing Students From A Public University In Oman



<p><b>Feb 11</b> 1415 - 1515 (60 Mins)</p>	<p><b><u>Law Seminar Room 1018 – Critical Thinking Theme:</u></b></p> <ul style="list-style-type: none"> <li>- <b>#67 Dr. Awatif Boudihaj</b> The Effect of Developmental Education courses on enhancing Students' Emotional Intelligence and Critical thinking</li> <li>- <b>#71 Dr. Justine Chinoperekweyi</b> Organization Development (OD) Theory, Practice and Interventions: Reframing 21st Century Teaching and Assessment</li> </ul> <p><b><u>Post Grad. Seminar Room 0017– Professional Development Theme:</u></b></p> <ul style="list-style-type: none"> <li>- <b>#50 Mr. Humaid Al-Wahaibi</b> A framework to embed 21st Century Skills into the curriculum</li> <li>- <b>#131 Mr. Mohammed Al-Sakiti</b> Impact of informal learning on the professional development of academics</li> <li>- <b>#44 Ms. Gene Kamille Infante</b> Enhancing Learning Motivation through Transformational Leadership</li> </ul>
<p>1600</p>	<p>Muscat City Tour (Optional)</p>
<p><b>Wednesday, February, 12, 2020 (Third Day)</b></p>	
<p>730-830</p>	<p>Networking Welcoming Coffee &amp; Tea</p>
<p>830-930 (60 Mins)</p>	<p><b>Parallel Sessions (based on Themes and Language)</b></p> <p><b><u>G10 – Active Learning Theme:</u></b></p> <ul style="list-style-type: none"> <li>- <b>#82 Dr. Saleh Al-Busaidi &amp; Mr. Tariq Yusuf</b> An innovative problem-based course design model</li> <li>- <b>#39 Mrs. Sheeba Elizabeth</b> Teach &amp; Talk through Gallery walk; An Active Learning Experience</li> <li>- <b>#86 Prof. Afaq Ahmed</b> A Blend of CDIO and ABET Philosophy in Delivery of Engineering Design Course – An Active Learning Model Experience</li> </ul>

**Feb 12**

830 – 930

(60 Mins)

**G11 – Active Learning Theme:**

- **# 43 Dr. Ramesh Gengatharan**  
Does Gamification of Accounting Course Really Enhance Students' Learning Experience? – An Experimental study at Ibra College of Technology
- **#133 Dr. Ana Jurcic**  
Challenging trajectory from teacher-centered teaching to student-centered learning in postsocialist higher education systems: Cases of Albania, Serbia and Croatia
- **#106 Ms. Mary McNally & Dr. Arezou Harraf**  
Utilizing Case Study as an Active Learning Method and Strategy for Competency Based Learning

**G32 – Active Learning Theme:**

- **#89 Prof. Reda Abu Elwan**  
Mathematics Education Journals for the Enrichment of Methods Course Experiences for Prospective Teachers
- **#77 Dr. Said Al-Ismaily**  
Soil Skills: A Problem-Based Field Exercise Towards Active Learning for BSc. Geoscience Students
- **#53 Prof. Abdelouahab Makhoulfi**  
Adaptation training-employability of young Algerian graduates

**G33 – Active Learning Theme:**

- **#6 Dr. Dennis Zami**  
Privatisation as an Antecedent of Flawed Educational Assessment and Higher Education Access
- **#19 Ms. Nicole Low Kye Ting & Dr. Tan Lai Yong**  
Learning about fall prevention amongst elderly in Singapore
- **#116 Dr. Shubair Abdullah**  
A Screen-Capture Technology Based Approach to Performative and Authentic Assessment

**Law Seminar Room 1018 – Active Learning Theme:**

- **#76 Dr. Haitham Adarbah**  
Active Learning for At-risk Students through Educational Technology

<p><b>Feb 12</b> 830 – 930 (60 Mins)</p>	<ul style="list-style-type: none"> <li>- <b>#88 Dr. Frances Kalu</b> Undergraduate Nursing Students Perception of Active Learning</li> <li>- <b>#60 Dr. Vindhya Singh</b> Using Brain based learning approach to maximize student learning</li> </ul> <p><b><u>Lab G42 – Arabic Session:</u></b></p> <ul style="list-style-type: none"> <li>- <b>#90 Dr. Teeba Al-Kindi – Learning Spaces</b> أثر استخدام تقنية مؤتمرات الفيديو في تنمية الجانب المعرفي والمهارات العملية المرتبطة بالتقنية من وجهة نظر أعضاء هيئة التدريس والطلبة في كلية الطب بجامعة السلطان قابوس</li> </ul>
<p><b>Feb 12</b> 830 – 930 (60 Mins)</p>	<p><b>Parallel Sessions: Teaching Highlights Session:</b></p> <p><b><u>G34 – Teaching Highlights:</u></b></p> <ul style="list-style-type: none"> <li>- <b>Dr. Alaa Ibrahim and Prof. Issam Ali</b> How to Engage Students and Enhance The Effectiveness of STEM Teaching And Learning</li> </ul> <p><b><u>Post Grad. Seminar Room 0017 – Teaching Highlights:</u></b></p> <ul style="list-style-type: none"> <li>- <b>#95 Dr. Riadh Zair &amp; Dr. Amur Al-Yahmedi</b> Technology- Enhanced Active Learning in a Project Oriented Course</li> </ul> <p><b><u>Lab G41 – Teaching Highlights:</u></b></p> <ul style="list-style-type: none"> <li>- <b>Dr. Sree Rama Murthy</b> Innovative Use of Technology: Trading Features and Options Using the Plus 500 Mobile App</li> </ul>
<p>930 - 945</p>	<p><b>Tea Break</b></p>
<p>945-1210  G11</p>	<p><b>KEYNOTE Speech 4:</b> <b>Alternative Strategies and Methods for Evaluating Instruction in Higher Education</b> <b>Dr. Daniel Berstein</b>, University of Kansas, USA</p> <p>Chairperson: <b>Dr. Mahmoud Emam</b>, SQU HOD Psychology, College of Education</p>

	<p><b>PANEL Discussion Response to Dr. Daniel Bernstein, Prof. Jonas Nordquist, Dr. Gerald Feldman, Ms. Safaa El Kogali, and Invited panellists</b></p> <p><b><i>Conference Closing Comments</i></b>  Chairperson: <b><i>Dr. Rahma Al-Mahrooqi</i></b>, SQU DVC Postgraduate Studies &amp; Research</p>
	<p><b>CLOSING CEREMONY</b></p> <p>End of Conference</p>
1210	<b>Lunch (Packed Lunch)</b>
1315	<b>Everyone Explores Oman</b>