

Dr. Sarah Y. Osailan

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EDUCATION

- **Doctor of Philosophy (PhD), Information Systems & Technology | May 2020 - Claremont Graduate University, Claremont, CA, USA**

Dissertation: Topic Modeling Location Based Social Media Applications.

Research Interests: Natural Language Processing, Social Media Analysis, Geographic Information Systems

- **Master of Science (MS), Information Systems & Technology (GIS) | May 2014 - Claremont Graduate University, Claremont, CA, USA**

MS. Practicum Project: Inland Valley Health: Mapping Providers, Insurers & Community Health Connections.

Concentration: Geographic Information Systems

- **Bachelor of Science (BS), Information systems, College of Engineering | May 2010 - Effat University, Jeddah, Saudi Arabia**

TEACHING EXPERIENCE

Adjunct Professor & Research Fellow

Center of Information Systems & Technology, Claremont Graduate University, Claremont, CA, USA | May 2020 - August 2022

- Teaching graduate students "Leading Business Digital Transformation" & "Management of IT in Complex Times" Online.
- Planning & creating lectures, in-class discussions, assignments & course outlines.
- Facilitate class instructions & evaluate student performances.
- Participate in faculty weekly meetings & student appointments.

Graduate Teaching Assistant & Transdisciplinary Teaching Fellow

Center of Information Systems & Technology, Claremont Graduate University, Claremont, CA, USA | September 2013 - December 2018

- Reported to 3 professors & accommodated in teaching 7 Information Systems courses in various settings that followed a transdisciplinary approach in education.
- Assisted in designing the courses, preparing materials, grading assignments.
- Supervised student projects & coordinated in-class activities.

RESEARCH EXPERIENCE

Research Associate

Autoimmune Community Institute, San Diego, CA, USA | August 2020 - August 2022

- Perform consultation meetings with ACI Founder regarding the institute's initiatives.
- Coordinate team member activities while planning the future direction of ACI & strategize social media marketing campaigns for the institute.
- Outlined 2 ongoing research projects related to COVID-19 & autoimmune diseases.
- Working on an NIH grant proposal to help raise vaccine awareness in minority groups.

GIS Research Intern

HelpMeLocate Corporation, Upland, CA, USA | November 2020 - February 2021

- Conducted Bi-weekly project coordination, planning, & implementation across team members.
- Created proposal & technical project documentation.
- Managed project meetings utilizing project management tools.

Digital Research Studio Fellow

The Claremont Colleges Services, Claremont, CA, USA | October 2018 - December 2019

- Developed & managed GIS workshops for classes across Claremont Colleges.
- Performed individual consultations on GIS-focused projects with students & faculty.
- Designed workflows for projects associated with the library & DH@CC.
- Developed & managed projects to showcase the usage of different GIS tools for use in college education.

Graduate Research Assistant

The Claremont Colleges Services, Claremont, CA, USA | September 2013 - May 2019

- Led & managed 9 different projects that varied in topics, from healthcare, environmental studies & IT Innovation.
- Maintained ESRI's partnership with AGIS Lab by managing student accounts.
- Coordinated research activities by utilizing ESRI's ArcGIS Platform, Microsoft Office & Azure & other technologies.
- Supported lab director & researchers involved in ongoing GIS research projects.

PUBLICATIONS

- **Osailan, Sarah;** Topic Modeling Location-Based Social Media Applications The Claremont Graduate University ProQuest Dissertations Publishing, 2020. 27962084. 2020
- **Moreno, April; Osailan, Sarah;** *Assessing Utilization and Effectiveness in Public Participative and Volunteered Geographic Information Systems for Environmental Data.* Civic Engagement and Politics: Concepts, Methodologies, Tools, and Applications, P 594-606, 2019
- **Caceres, Claudia; Osailan, Sarah;** *Water Wells Site Selection in East Africa Using GIS Applications.* AMCIS 2018

- **Hilton, Brian; Corso, Anthony; Osailan, Sarah;** *Social Media Operationalized for Locational Analytics: A Hands-on Tutorial Utilizing NLP, Topic Modeling, and GIS.* AMCIS 2018
- **Moreno, April; Osailan, Sarah;** *Spatial Solutions for the Environmental Protection Agency “Brownfields to Healthfields” Program: Utilization of Mixed Methods to Assess Application Effectiveness and Usability.* HICSS 2017

GRANTS AND FELLOWSHIPS

- Research Fellowship, Claremont Graduate University, Claremont, CA, USA
- Digital Research Studio Fellowship, The Claremont Colleges Services, Claremont, CA, USA
- Transdisciplinary Teaching Fellowship, Claremont Graduate University, Claremont, CA, USA
- PhD Fellowship, Claremont Graduate University, Claremont, CA, USA

THESIS SUPERVISIONS

Student name	Project title
Shahad Al Ghafeer	Sustainability of Supply Chain in Fashion Industries
Lama Bajafar	Digital Transformation in Hospitality Service Management: A Case Study on The Application of Service Blueprints in Hajj & Umrah
Asmaa Shafaamri	A Systematic Literature Review of Applying Artificial Intelligence in Supply Chain Management
Tasnim Beran	Gacha Games Forecasting: A Game Life Cycle
Shahad Basaad	The Impact of Quality Control on The Apparel Industry
Sondos Alghamdi	The Effect of Packaging on Consumer Behavior in Saudi Arabia

PROFESSIONAL MEMBERSHIPS

- The Society for Collegiate Leadership & Achievement, LLC - January 2019 – Present
- Association of Information Systems (AIS) Association of Information Systems (AIS) – April 2016 – Present
- Women in Tech - Member · May 2014 – Present

RELEVANT SKILLS

- Database Design & Management
- Data Analysis, Mining, and Management (Textual & Spatial)
- Software Development
- Project Management (Agile)
- System Analysis & Design
- Web Design & Development

References Available Upon Request.