

Dr Sarah Boustany Taouk

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Education

June 2014-July 2015 Graduate Diploma of Education (Secondary)

Excelsia College – Sydney Australia

- Major – Biology
- Minor- Maths and Chemistry
- Languages – Arabic and French

Feb 2004-Nov 2007 Doctor Of Philosophy

University of Sydney

Thesis title: Mechanisms of Airway Remodelling

**Feb 2002- Nov 2003 Master of Applied Science
(Microscopy and Microanalysis)**

University of Sydney

Feb 1997-June 2001 Bachelor of Science

University of Sydney

Double Major

- Microbiology
- Anatomy and Histology

Teaching Experience

2020 - Currently	Australian Catholic University Lecturer in Charge <ul style="list-style-type: none">• EDSI100 – Science in our world• EDSI290 -Science Curriculum Pedagogy and assessment• EDST631 – Integrated STEM effective classroom practice• EDST632- Science integrated STEM• SCIT140 – Science in our world• EDST561 – Science inquiry and sustainability (primary and early childhood)• EDST401 – Educating a sustainable future• EDST544 – Masters unit – secondary science and pedagogy• EDFD471 – assessment and reporting
2019 - Currently	<i>Australian Catholic University</i> Tutor <ul style="list-style-type: none">• SCIT140• EDST342 – Primary unit 1 – curriculum, pedagogy and assessment• EDFD471• EDST241 – Primary unit 2- curriculum, pedagogy and assessment
2022 – Currently	Macquarie University Tutor <ul style="list-style-type: none">• EDST4110 – Principles of STEM Education• EDST3110 – Designing Mathematics, Science and Technology learning• EDST2110
2017- 2020	Science Teacher <i>Good Samaritan Catholic College</i>

- Science 7-10
- Biology and chemistry 11-12

2016 – 2017

Science Teacher (Job share 0.6)

Good Samaritan Catholic College

- Science 7-10
- Year 10 Science Newman program (gifted and talented)

2016-2017

Science and Mathematics Teacher (Job share 0.4)

Holy Spirit Senior College

- Science 7-10
- Mathematics 7-10

Jan 2016-Apr 2016

Casual Science Teacher

Georges River Grammar

- Science 7-10
- Biology Yr12

July 2015 – Dec 2015

Casual Science teacher

Holy Spirit Senior College

- Science 7-10
- Senior Science and biology 11-12

Casual Block – 4 weeks

- Science 7-10
- Senior science 11-12

Lecturing experience

Sept 2008-Jun 2013

University Lecturer

Notre Dame University (Lebanon)

- Wrote and delivered the syllabus for major courses

- Designed projects and developed assessment tasks including question and answer exams
- Designed major projects for senior science and medical lab students
- Attended to all administrative work

Subjects taught

- Biology
- Microbiology
- Biochemistry
- Anatomy
- Physiology
- Histology
- Pathophysiology
- Bacteriology
- Medical lab

Other Employment Experience

2003-2008

Research assistant

Woolcock Institute of Respiratory Research

- Immunohistochemistry
- Live cell culture
- PCR
- Microscopy

2000-2003

Quarantine Officer

AQIS

- Maintaining quarantine integrity at Sydney airport

Publications, presentations and posters

Publications

In Press

Cain, M., Sheehan, H. & Taouk, S. (2024, under review). "It doesn't feel like we've had the chance to really connect". The crucial need for social presence in fully asynchronous teacher education. *Teaching and Teacher Education*. Manuscript Number: TATE-D-23-01797

In Press

Sheehan, H., Cain, M., & Taouk, S. (2024, under review). There's not really an opportunity to have those networks": Pre-service teachers experiences of relationality in asynchronous online learning contexts. *American Educational Research Journal*.

Cain, M. (2024). *Care, community, and connection in fully asynchronous online Initial Teacher Education* [Conference Presentation] Australian Teacher Education Association, July 10-12. Newcastle, NSW, Australia.

Boustany S., Burgess J. K., Moir L. M., Weckmann M., Lau J. Y., Grafton K., Baraket M., Hansbro P. M., Hansbro N. G., Foster P. S., Black J. L. and Oliver B. G. "Reduction of tumstatin in asthmatic airways contributes to angiogenesis, inflammation, and hyperresponsiveness." *Am J Respir Crit Care Med*. 2010, 181(2):106-15.

Bailey S. R., Boustany S., Burgess J. K., Hirst S. J., Sharma H. S., Simcock D. E., Suravaram P. R. and Weckmann M. "Airway vascular reactivity and vascularisation in human chronic airway disease." *Pulm Pharmacol Ther*. 2009 Oct;22(5):417-25.

Borger P., Matsumoto H., Boustany S., Gencay M. M., Burgess J. K., King G. G., Black J. L. and Roth M. "Disease-specific expression and regulation of CCAAT/enhancer-binding proteins in asthma and chronic obstructive pulmonary disease." *Journal of Allergy Clinical Immunology*. 2007, 119(1):98-105.

Burgess J. K., Ge Q., Poniris M. H., Boustany S., Twigg S. M., Black J. L. and Johnson P. R. "Connective tissue growth factor and vascular endothelial growth factor from airway smooth muscle interact with the extracellular matrix." *American Journal of Physiology, Lung Cellular and Molecular Physiology*. 2006, 290(1):L153-61.

Burgess J. K., Oliver B. G., Poniris M. H., Ge Q., Boustany S., Cox N., Moir L. M., Johnson P. R. and Black J. L. "A phosphodiesterase 4 inhibitor inhibits matrix protein deposition in airways in vitro." *Journal of Allergy Clinical Immunology*. 2006, 118(3):649-57.

Johnson P. R., Burgess J. K., Ge Q., Poniris M., Boustany S., Twigg S. M. and Black J. L. "Connective tissue growth factor induces extracellular matrix in asthmatic airway smooth muscle." *American Journal of Respiratory Critical Care Med*. 2006, 173(1):32-41.

Black J. L., Ge Q., Boustany S., Johnson P. R., Poniris M. H., Glanville A. R., Oliver B. G., Moir L. M. and Burgess J. K. "In vitro studies of lymphangioleiomyomatosis." *European Respiratory Journal*. 2005, 26(4):569-76.

Burgess J. K., Blake A. E., Boustany S., Johnson P. R., Armour C. L., Black J. L., Hunt N. H. and Hughes J. M. "CD40 and OX40 ligand are increased on stimulated asthmatic airway smooth muscle." *Journal of Allergy Clinical Immunology*. 2005, 115(2):302-8.

Burgess J. K., Ge Q., Boustany S., Black J. L. and Johnson P. R. "Increased sensitivity of asthmatic airway smooth muscle cells to prostaglandin E2 might be mediated by increased numbers of E-prostanoid receptors." *Journal of Allergy Clinical Immunology*. 2004, 113(5):876-81.

Presentations and posters

Aad P.Y., J. Ibrahim, C. Al-Fahel, S. Boustany, N. El Ghossein Malouf. 2014. Effect of antimicrobial substitution with *Bacillus Subtilis* on broiler health and performance. 66th Annual Meeting of the European Association for Animal Production, Book of Abstracts 30: 296. Wageningen academic press.

Sarah Boustany, Maree. H. Poniris, Brian. G. Oliver, Lyn. M. Moir, Judith. L. Black, Amy McLean and Janette. K. Burgess. "ANGIOGENIC INHIBITOR, TUMSTATIN, ABSENT IN ASTHMATIC AIRWAY TISSUE." Oral presentation at the 12th Asia Pacific Society of Respiriology meeting, Gold Coast, Australia, 2007.

S. Boustany, M. H. Poniris, B. G. Oliver, L. M. Moir, J. L. Black, A. McLean and J. K. Burgess. "ABSENCE OF TUMSTATIN, AN ANGIOGENIC INHIBITOR, IN ASTHMATIC AIRWAY TISSUE." Oral presentation at the Thoracic Society of Australia and New Zealand annual meeting, Auckland, New Zealand, 2007.

S. Boustany, M. H. Poniris, B. G. Oliver, J. L. Black, L. M. Moir and J. K. Burgess. "ABSENCE OF TUMSTATIN, AN ANTI-ANGIOGENIC FACTOR, IN LUNG TISSUE FROM PATIENTS WITH LYMPHANGIOLEIOMYOMATOSIS." Poster presentation at the Thoracic Society of Australia and New Zealand annual meeting, Auckland, New Zealand, 2007.

S. Boustany, M. H. Poniris, B. G. Oliver, L. M. Moir, J. L. Black, A. McLean and J. K. Burgess. "ABSENCE OF AN ENDOGENOUS ANGIOGENIC INHIBITOR IN ASTHMATIC AIRWAY TISSUE." Poster presentation at the American Thoracic Society annual meeting, San Francisco, USA, 2007.

S. Boustany, M. H. Poniris, B. G. Oliver, J. L. Black, L. M. Moir and J. K. Burgess. "ANTI-ANGIOGENIC FACTOR TUMSTATIN AND ITS ABSENCE IN LUNG TISSUE FROM PATIENTS WITH LYMPHANGIOLEIOMYOMATOSIS." Poster presentation at the 6th International Young Investigators' Symposium on Smooth Muscle, Sydney, Australia, 2007.

Professional Development

Jan 2017	Gifted and talented GE01
June 2017	Gifted and talented GE02
April 2016	Boomerang <i>BOSTES</i>
Feb 2016	Teaching Physics for Deeper understanding <i>BOSTES</i>
Sept 2015	Anaphylaxis- Professional Development <i>Holy Spirit Senior College</i>

Skills summary

Communication and interpersonal skills

- I have a great ability to connect with my students and to develop a respectful and friendly relationship with them.

- In my experience as a lecturer and teacher, I have easily been able to develop a rapport with my students that allows for great communication and cooperation in my classroom.
- During my time as a lecturer and teacher, I have successfully communicated with parents, colleagues and students in a both written and verbal format.

Planning and organisational skills

- Proven planning skills in the classroom, developing and implementing lesson plans to effectively engage students and achieve results.
- Co-ordinated a classroom of students, with particular skills in behaviour management strategies and constructive use of time.
- Effective classroom time management that consistently ensured the scheduled deliveries of the syllabus.

Technical Skills

- Proficient in: Microsoft Office (Word, Excel, Power-point and Publisher), Internet, E-mail and Acrobat reader
- Proficient in both Windows and Mac systems
- Proficient in the use of smart boards

Working With Children Check

WWC0125575E

Referees

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